GOVERNMENT OF INDIA
DEPARTMENT OF ARCHAEOLOGY
CENTRAL ARCHAEOLOGICAL LIBRARY

CLASS
CALL NO. R913.05471 I.D.A.-Vat

D.G.A. 79.

EXCAVATIONS AT HARAPPĀ

BEING AN ACCOUNT OF ARCHÆOLOGICAL EXCAVATIONS AT HARAPPĀ CARRIED OUT BETWEEN THE YEARS 1920-21 AND 1933-34

BY

MADHO SARUP VATS, M.A.,

Deputy Director-General of Archæology in India

In two volumes with plans and plates

Volume I.—Text

Volume II.—139 Plates



R 913.05471
I.D.A./Vat

PUBLISHED BY MANAGER OF PUBLICATIONS, DELHI
PRINTED BY MANAGER, GOVERNMENT OF INDIA PRESS, CALCUTTA
1940

Price Rs. 50-6 or 77s. (inclusive of Volume I).

913.345 Mah
Vat

List of Agents in India from whom Government of India Publications are available.

(*a*) PROVINCIAL GOVERNMENT BOOK DEPOTS.

ASSAM :—Superintendent, Assam Secretariat Press, Shillong.
BIHAR :—Superintendent, Government Printing, P. O. Gulzarbagh, Patna.
BOMBAY :—Superintendent, Government Printing and Stationery, Queen's Road, Bombay.
CENTRAL PROVINCES :—Superintendent, Government Printing, Central Provinces, Nagpur.
MADRAS :—Superintendent, Government Press, Mount Road, Madras.
NORTH-WEST FRONTIER PROVINCE :—Manager, Government Printing and Stationery, Peshawar.
ORISSA :—Press Officer, Secretariat, Cuttack.
PUNJAB :—Superintendent, Government Printing, Punjab, Lahore.
SIND :—Manager, Sind Government Book Depot and Record Office, Karachi (Sadar).
UNITED PROVINCES :—Superintendent, Printing and Stationery, U. P., Allahabad.

(*b*) PRIVATE BOOKSELLERS.

Advani & Co., The Mall, Cawnpore.
Aero Stores, Karachi.*
Army Musketry Stores, Moga (Punjab).†
Banthiya & Co., Ltd., Station Road, Ajmer.
Bengal Flying Club, Dum Dum Cantt.*
Bhawnani & Sons, New Delhi.
Bombay Book Depot, Charni Road, Girgaon, Bombay.
Book Company, Calcutta.
Booklover's Resort, Taikad, Trivandrum, South India.
British Book Depot, Lucknow.
British Book Depot, Risalpore.
British Stationery Mart, Booksellers, Peshawar Cantt.
Buckingham & Co., Booksellers and Stationers, Greenwood Street, Sialkot City.
Burma Book Club, Ltd., Rangoon.
Cambridge Book Co., Booksellers, New Dak Bungalow Road, Patna.
Chandrakant Chimanlal Vora, Ahmedabad.
Chatterjee & Co., 3, Bacharam Chatterjee Lane, Calcutta.
Chiney & Sons, Booksellers, etc., Dhantoli, Nagpur, C. P.
Chukervertty, Chatterjee & Co., Ltd., 13, College Square, Calcutta.
Das Gupta & Co., 54/3, College Street, Calcutta.
Dastane Brothers, Home Service, 456, Raviwar Peth, Poona 2.
Delhi and U. P. Flying Club, Ltd., Delhi.*
Deshmukh Book Depot, Station Road, Sholapur.
English Book Depot, Ferozepore.
English Bookstall, Karachi.
English Book Depot, Taj Road, Agra.
English Book Store, Abbottabad, N.-W. F. P.
Faqir Chand Marwah, Peshawar Cantonment.
Higginbothams, Madras.
Hindu Library, 137-F, Balaram De Street, Calcutta.
H. L. College of Commerce, Co-operative Stores, Ltd., Ahmedabad.
Hyderabad Book Depot, Chaderghat, Hyderabad (Deccan).
Ideal Book Depot, Rajpur Road, Dehra Dun and Bombay Bazar, Meerut.
Imperial Book Depot and Press, near Jama Masjid, (Machhliwalan), Delhi.
Imperial Publishing Coy., Lahore.
Indian Army Book Depot, Dayalbagh, Agra.
Indian Army Book Depot, Daryaganj, Delhi.
Indian School Supply Depot, Central Avenue, South, P. O. Dharamtala, Calcutta.
International Book Service, Poona 4.
Jaina & Bros., Mori Gate Delhi, and Connaught Place, New Delhi, Messrs. J. M.
Joshi, News Agent, Devgad Baria *via* Piplod, Bombay, Mr. V. G.
Kamala Book Depot, 15, College Square, Calcutta.
Kansil & Co., 9, Commercial Buildings, The Mall, Lahore, Messrs. N. C.
Karnataka Sahitya Mandir, Dharwar (S. India).
Keale & Co., 65, Britto Road, Karachi (Sadar).
Kitabistan, 17-A, City Road, Allahabad.
Krishnaswami & Co., Teppakulam P. O., Trichinopoly Fort, Messrs. S.
Lahiri & Co., Ltd., Calcutta, Messrs. S. K.
London Book Co. (India), Arbab Road, Peshawar, Murree, Nowshera, and Rawalpindi.
Lyall Book Depot, Lyallpore.
Malhotra & Co., Post Box No. 94, Lahore, Messrs. U. P.
Mathur & Co., Messrs. B. S., Chatur-Vilas, Paota, Civil Lines, Jodhpur (Rajputana).
Minerva Book Shop, Anarkali Street, Lahore.
Modern Book Depot, Bazar Road, Sialkot Cantt.
Mohanlal Dossabhai Shah, Rajkot.
Mohan News Agency, Kotah (Rajputana).
National Welfare Publicity Ltd., Mangalore.
New Book Co., "Kitab Mahal", 192, Hornby Road, Bombay.
Newman & Co., Ltd., Calcutta, Messrs. W.
Oxford Book and Stationery Company, Delhi, Lahore, Simla, Meerut and Calcutta.
Parikh & Co., Baroda, Messrs. B.
Pioneer Book Supply Co., 20, Shib Narayan Das Lane, Calcutta and 219, Cloth Market, Delhi.
Popular Book Depot, Grant Road, Bombay.
Punjab Religious Book Society, Lahore.
Punjab Sanskrit Book Depot, Lahore.
Raghunath Prasad & Sons, Patna City.
Rama Krishna & Sons, Booksellers, Anarkali, Lahore.
Ram Krishna Bros., Opposite Bishrambag, Poona City.
Ramesh Book Depot and Stationery Mart, Kashmere Gate, Delhi.
Ray & Sons, 43, K. & L. Edwardes Road, Rawalpindi, Murree and Peshawar, Messrs. J.
Reliance Stores, Booksellers, Princess Street, Karachi.
Roy Chowdhury & Co., 72, Harrison Road, Calcutta, Messrs. N. M.
Saraswati Book Depot, 15, Lady Hardinge Road, New Delhi.
Sarcar & Sons, 15, College Square, Calcutta, Messrs. M. C.
Sharada Mandir, Ltd., Nai Sarak, Delhi.
Standard Book Depot, Cawnpore.
Standard Book Depot, Lahore, Delhi and Simla.
Standard Bookstall, Karachi.
Standard Bookstall, Quetta.
Standard Law Book Society, 79/1, Harrison Road, Calcutta
Subhan, Book-Seller and Publisher, Bilaspur C. P., Mr. M. A.
Swaminatha Sivam & Co., Paddukotah, Messrs. P. N.
Tanawada & Sons, Booksellers, Sangli.
Tara & Sons, Razmak (India), Messrs. B. S.
Taraporevala Sons & Co., Bombay, Messrs. D. B.
Thacker & Co., Ltd., Bombay.
Thacker, Spink & Co. (1933), Ltd., Calcutta.
Tripathi & Co., Booksellers, Princess Street, Kalbadevi Road, Bombay, Messrs. N. M.
Uberoy, J. C., Journalist, Printer and Publisher, Jaycee House, Alexandra Road, Ambala.
University Book Agency, Kacheri Road, Lahore.
Upper India Publishing House, Ltd., Literature Palace, Ammuddaula Park, Lucknow.
Varadachary & Co., Madras, Messrs. P.
Venkatasubban, A., Law Bookseller, Vellore.
Wheeler & Co., Allahabad, Calcutta and Bombay Messrs. A. H.
Young Man & Co. (Regd.), Egerton Road, Delhi.

* Agents for publications on Aviation only.
† Agent for Army Publications only.

CENTRAL ARCHAEO[illegible]
LIBRARY, NEW [illegible]
9842
7. 8. 1958
R913.054/I.D.A./Vat

LIST OF PLATES.

PLATE I.—The Prehistoric site of Harappā.

" II.—(*a*) Part of Mound AB with the Tomb of Naugazā, from north-east.
(*b*) West side of Mound AB with Mound F in the background, looking north.
(*c*) Archæological Camp and Museum, from north-east.
(*d*) North-east spur of Mound AB showing mud brick terracing.

" III.—Mound F. Plan of the Great Granary Area and Section on AB.

" IV.—Mound F. Great Granary Area.
(*a*) The Great Granary, panoramic view, looking south.
(*b*) The Great Granary, panoramic view, looking east.

" V.—Mound F. Great Granary Area.
(*a*) The Great Granary, from south-west.
(*b*) Narrow trench showing a section of the retaining wall to east of the Great Granary, looking south.
(*c*) Flight of steps in the central aisle abutting against the Western Block of the Great Granary.
(*d*) Retaining wall of the Great Granary, from south-west.

" VI.—Mound F. Isometric projection of the Great Granary with conjectural restoration of a part of the Western Block.

" VII.—Mound F. Great Granary Area.
(*a*) Extension to west of the Great Granary, looking north.
(*b*) House 1 to west of the Great Granary, from south-west.
(*c*) Extension to east of the Great Granary, from north-west.
(*d*) Extension to west of the Great Granary, showing earthenware jars *in situ*, from south-east-south.

" VIII.—Mound F. Great Granary Area.
(*a*) Earthenware jar of Stratum V filled with triangular terracotta cakes.
(*b*) Pottery group of Stratum II *in situ*.
(*c*) Earthenware jar No. 3760 *in situ*.
(*d*) Pottery groups Nos. 7338-7340 and 7360 *in situ*.
(*e*) A row of seven long oval vases *in situ*, containing small cylindrical vases.

" IX.—Mound F. Plan and Section of Trench Ae.

" X.—Mound F.
(*a*) General view of Trench Af, from north-west.
(*b*) Drain and Sink in Trench Ae.
(*c*) *Liṅgam in situ* in Trench Ai.
(*d*) Brick-on-edge pavement of Stratum I in Trench Ae.

" XI.—Mound F. Plan of Trenches IV and V and Section of Trench IV.

PLATE XII.—Mound F. Trench IV.
(*a*) Workmen's Quarters, Lane II between Blocks I and II, looking west.
(*b*) Workmen's quarters, Lane I with Block II to right, from west.
(*c*) Northern portion showing circular brick-on-edge platforms Nos. 1-3, from south-east.
(*d*) Northern end showing the findspot of numerous seals, beads, etc., from east.

,, XIII.—Mound F. Trench IV.
(*a*) Workmen's Quarters, Houses 3 and 5 with Lane V between them, from south.
(*b*) Workmen's Quarters, partial view of Blocks I and II with Trench V in the background, from south-west.
(*c*) General view from north.
(*d*) Workmen's Quarters, partial view showing quadrilateral-shaped rooms in Blocks I and II, from north-west.

,, XIV.—Mound F. Trenches IV and V.
(*a*) Panoramic view with Workmen's Quarters, looking east.
(*b*) Panoramic view with Workmen's Quarters, looking west.

,, XV.—Mound F.
(*a*) Trench IV. Workmen's Quarters. Isometric Projection of Houses 2 and 4.
(*b*) Trench VI. Isometric Projection of House I.

,, XVI.—Mound F.
(*a*) Trench IV. Deep Digging showing several layers of nodules.
(*b*) Trench V. Bovine bones and copper spear-head No. 10008 below a wall of Stratum IV in Square J 12/25.
(*c*) Trench V. General view, looking east.
(*d*) Trench V. Well with pavement and water jars, from north-west.

,, XVII.—Mound F. Trench IV.
(*a*) Furnace Fa with a part of the roof vault lying inside.
(*b*) Furnace Fa showing flues in the vault after clearance.
(*c*) Furnace Fj.
(*d*) Furnace Fc with dividing wall inside.
(*e*) Paved circular manger lined with brick-on-edge.
(*f*) Furnace Ff.

,, XVIII.—Mound F.
(*a*) Trench V. Part of a drain with lime plaster in Square J 12/9.
(*b*) Trench V. Deep Digging at the eastern end showing broken pottery.
(*c*) Trench V. Goblets with pointed bases *in situ* in Square J 12/15.
(*d*) Trench IV. *Deg*-shaped large pottery vessel covered by a wall of Stratum III in Square I 11/10.
(*e*) Trench IV. Furnace Fd.
(*f*) Trench IV. Furnace Fg.
(*g*) Trench IV. Large pottery vessel shaped like a goblet with pointed base in Square 112/7.

,, XIX.—Mound F. Plan and Section of Trench I.

PLATE XX.—Mound F. Trench I.
(*a*) General view from north-west-north.
(*b*) General view from south-east-south.
(*c*) View of the Central Section showing Strata I-VI, from north-west.
(*d*) Detail view of mud huts at the southern end.

" XXI.—Mound F. Trench I.
(*a*) View of the Northern Section, from south-west.
(*b*) Deep Digging and the Northern Section showing eight strata of occupation, from south-west.
(*c*) Crushed pottery lying against a wall of Stratum V in Square M 11/11.
(*d*) Central Section showing a fine rectangular pavement of Stratum V.

" XXII.—Mound F. Trench I.
(*a*) Central Section. Seals, weights, etc. of Stratum IV *in situ*.
(*b*) Central Section. Copper jar No. 277 of Stratum III *in situ*.
(*c*) Deep Digging. Western cutting showing compressed layers of green earth preceded and followed by soft white soil.
(*d*) Deep Digging. Eastern part showing bovine bones including forepart of a skull.

" XXIII.—Mound F. Trench I.
(*a*) Northern Section. Pottery jars Nos. 1033 A and B besides a broken pavement of Stratum III.
(*b*) Northern Section. Post-cremation urn No. 3686 in Square M 10/15 with a human tibia inside.
(*c*) Southern Section. Two rectangular hearths of Stratum IV and circular mangers of Stratum V in Square M 12/19.
(*d*) Partial view of pottery in Square M 12/17.
(*e*) Inscribed jar and jar-stands of Stratum VI in Square M 12/6.
(*f*) Broad and shallow trough of Stratum VI in Square M 11/13.

" XXIV.—Mound F. Plan of Trench III.

" XXV.—Mound F.
(*a*) Trench III. Partial view of Houses 1 and 2 of Stratum IV, from south-west.
(*b*) Trench III. Group of polychrome and other pottery No. 5723 *in situ*.
(*c*) Trench VI. Bovine bones and pottery in Sink 1 in Square P 10/8.
(*d*) Trench III. Contents of a post-cremation urn lying in the lane between Houses 1 and 2.

" XXVI.—Mound F. Plan and Section of Trench VI.

" XXVII.—Mound F. Trench VI.
(*a*) Eastern part of House I of Stratum IV, from north-west.
(*b*) Western part, showing in the foreground jar-stands embedded in a large pavement, looking north.
(*c*) Burial and non-burial types of potsherds mixed with bovine bones and brickbats in Squares P 10/11 and P 9/15.
(*d*) Alternate courses of mud and burnt bricks in the outer walls of Room 1, House 2, from north-east.

PLATE XXVIII.—Mound F. Trench VI.
(*a*) Eastern part of House 1 of Stratum IV and other structures, from north-east.
(*b*) Extension I. Back part of a house buried under fields, from north-west.
(*c*) Earthenware jars of Strata I to III in the southern part of the northern section, looking west.
(*d*) Lane to the east of Houses 1 and 2 blocked by later walls, from south.

" XXIX.—Mound AB. Plan and Section of Trench B.

" XXX.—Mound AB. Trench B.
(*a*) General view showing multiple strata, from south-west.
(*b*) Rectangular pavement with brick edging in two parts.
(*c*) Centre of the trench. Heap of animal bones in Stratum IV.
(*d*) General view, from east-south-east.

" XXXI.—Mound AB. Plan and Section of the Extension of Pits I and II.

" XXXII.—Mound AB. Extension of Pits I and II.
(*a*) General view showing fragmentary nature of the remains, from south-east.
(*b*) Eastern part showing pavements, gable-roofed drain across the centre and shed over burial No. 5440 in the background, from north-west-north.
(*c*) Large drain of Stratum V with a gable-roofed drain above, from east.
(*d*) General view showing a dilapidated pavement and fragmentary remains, looking east.

" XXXIII.—Mound AB. Extension of Pits I and II.
(*a*) Spill water jars enclosed by brick reservoirs embedded along the western end of a gable-roofed drain of Stratum IV, from north-east.
(*b*) House 4 of Stratum III constructed against an existing wall of Stratum IV, from south-east.
(*c*) Saucer-shaped depression of Stratum III with filmy coating of Fuller's earth.
(*d*) Enclosure showing fractional burial No. 5440, from north-west.

" XXXIV.—Mound AB.
(*a*) Pit IV. Remains of a room and drain of Stratum IV with a later pavement in the background, from south-west.
(*b*) Extension of Pits I and II. Post-cremation trough No. 3868 containing a tortoise-shell, pottery, etc.
(*c*) Extension of Pits I and II. Drainage jars enclosed in brick reservoirs embedded along the western end of a gable-roofed drain of Stratum IV.
(*d*) Pit III. Fragmentary remains, from north-west.
(*e*) Extension of pits I and II. A curtain wall of Stratum IV in Square Q 24/9 with ashes and charcoal sticking on both sides.
(*f*) Extension of Pits I and II. Partial view of fractional burial No. 5440, from east.

" XXXV.—Mound AB. Plan and Section of Trench at the Southern Edge.

PLATE XXXVI.—Mound AB. Trench at the Southern Edge.
(*a*) Mound as left by brick diggers, from south-west-south.
(*b*) Long row of crushed post-cremation urns of Stratum V going across the trench, looking west.
(*c*) General view of the trench with excavations in Area J, Cemetery H and Museum in the background, looking south.
(*d*) Long brick-on-edge pavement of Stratum IV with several partitions, looking south.
(*e*) General view showing mud brick terrace in the foreground, from south.
(*f*) Double well of Stratum III showing two rings separated by clay in-filling.

PLATE XXXVII.—Area J. Plans and Sections of Trenches I, II, and III.

PLATE XXXVIII.—Area J.
(*a*) Trench I. General view, from north-west.
(*b*) Trench I. House 4 showing *kachcha* rooms, from south-west.
(*c*) Trench II. General view, looking south.
(*d*) Trench III, looking east.

PLATE XXXIX.—Area G. Plans and Sections of Trenches I, II and III.

PLATE XL.—Area G. Plan of skeletal remains in Trench II.

PLATE XLI.—Area G. Trench II.
(*a*) Partial view of the skeletal remains No. G289, from south-east.
(*b*) Pottery group No. G130 *in situ*.

PLATE XLII.—Area G. Trench II.
(*a*) Pottery group No. G15 *in situ*.
(*b*) Partial view of skeletal remains No. G289 showing skulls S21, S22, S23, and S46, etc., packed together in Division III, from east.
(*c*) Partial view of skeletal remains No. G289, showing skulls S1-S4 with food-plates, etc., in Division III, from west.
(*d*) Partial view of skeletal remains No. G289 with some animal and human bones in Division III, from south-east.

PLATE XLIII.—Cemetery H. Eastern Section. Plan.

PLATE XLIV.—Cemetery H. Eastern Section. Section on AB.

PLATE XLV.—Cemetery H. Eastern Section.
(*a*) Pot-burials of Stratum I, panoramic view, from east.
(*b*) Earth-burials of Stratum II, panoramic view, from west.

PLATE XLVI.—Cemetery H. Eastern Section.
(*a*) Western part showing pot-burials of Stratum I, from north.
(*b*) Eastern Extension showing pot-burials of Stratum I, from north-east.
(*c*) Group of pot-burials No. H206 *a-k*, from east.
(*d*) Groups of pot-burials Nos. H151-H154, from north-west.
(*e*) Group of pot-burials No. 7435 *a-g*, from south-east.

PLATE XLVII.—Cemetery H. Eastern Section.
(*a*) Central portion showing burial pottery of Strata I and II, from south-ea

(*b*) Deep Digging at the north-east corner showing river silt and pockets of rubbish, looking north.
(*c*) Burial pottery of Stratum II, from south.
(*d*) Group of pot-burials No. H231, from west.
(*e*) Burial pottery of Strata I and II in Squares R 33/25 and R 34/21 from north-east.
(*f*) Earth-burials No. H184, etc., from north.

PLATE XLVIII.—Cemetery H. Plan of Western Section and its Extension.

" XLIX.—Cemetery H. Section on EF, GH and CD.

" L.—Cemetery H.
(*a*) Extension of Western Section. Pot-burials of Stratum I, general view, from east.
(*b*) Extension of Western Section. Fractional burials of Stratum II, general view, from east.
(*c*) Detail view of some fractional burials of Stratum II, from south.
(*d*) Western Section, pot-burials Nos. H243-H248 crushed by the impact of cart traffic, from south-west.

" LI.—Cemetery H. Earth-burials.
(*a*) Burial No. H696.
(*b*) Burial No. H710.
(*c*) Burial No. H695.
(*d*) Burial No. H699.
(*e*) Burial No. H485.
(*f*) Burial No. H488.

" LII.—Cemetery H. Earth-burials.
(*a*) Burial No. H698 with a sacrificed goat to right.
(*b*) Burial No. H306.
(*c*) Burial No. H184.
(*d*) Burial No. H307.

" LIII.—Cemetery H. Earth-burials.
(*a*) Burial No. H484.
(*b*) Burial No. H501.
(*c*) Burial No. H502.
(*d*) Burial No. H697.

" LIV.—Cemetery H.
(*a*) Contents of the burial-pot No. H245*a*.
(*b*) Contents of the burial-pot No. H249.
(*c*) Contents of the burial-pot No. H61.
(*d*) Contents of the burial-pot No. H206*a*.
(*e*) Contents of the burial-pot No. H231.

" LV.—Cemetery H.
(*a*) Burial-pot No. H231 containing only a child's skull.
(*b*) Contents of the burial-pot No. H154*a* also showing a narrow-necked vase.
(*c*) Burial-pot No. H245 containing only a part of a lower leg.
(*d*) Burial-pot No. H153 containing only a child's skull.
(*e*) Pot-burial No. H83 showing a baby in embryonic position.

PLATE LVI.—Cemetery H.
(*a*) Pot-burial No. H165*a* containing a baby in embryonic position.
(*b*) Pot-burial No. H622 containing a baby in embryonic position.
(*c*) Pot-burial No. H679 containing a baby in embryonic position.
(*d*) Pot-burial No. H148*a* containing a baby in embryonic position.

" LVII.—Cemetery H.
(*a*) The first pot-burials No. 3934 *a-c*.
(*b*) Pot-burials Nos. H206 *a* and *b*, and H245*k* painted with mythological scenes.
(*c*) Types of burial jars which contained babies in embryonic position.
(*d*) Types of burial food-plates from Stratum II.

" LVIII.—(*a*) Area G. Trench III. General view, from south.
(*b*) Cemetery H. Flasks, etc., mostly of Stratum II.
(*c*) Cemetery H. Pottery of Stratum II.

" LIX.—Cemetery H.
(*a*) Types of burial-pots of Stratum I with their covers.
(*b*) Types of pottery found with earth-burials of Stratum II.

" LX.—Burial Pottery.

" LXI.—Burial Pottery.

" LXII.—Cemetery H. Paintings on burial jars.

" LXIII.—Cemetery H. Paintings on burial jars.

" LXIV.—Cemetery H. Paintings on the underside of flat covers from Stratum II.

" LXV.—Painted sherds from Mounds typical of Burial Pottery.

" LXVI.—Painted sherds from Mounds typical of Burial Pottery.

" LXVII.—Painted sherds from Mounds typical of Household Vessels.

" LXVIII.—Painted sherds from Mounds typical of Household Vessels.

" LXIX.—Painted Pottery from the Mounds.

" LXX.—Miscellaneous Pottery.

" LXXI.—Miscellaneous Pottery.

" LXXII.—Vessels and miscellaneous objects of terracotta.

" LXXIII.—Miscellaneous objects from Harappā and Kotla Nihang, and pottery typical of Cemetery H from Harappā.

" LXXIV.—(*a*) Common types of Household Jars from Harappā.
(*b*) Miscellaneous objects from Chak Pūrbāne Syāl.

" LXXV.—(*a*) Common types of Post-cremation Urns.
(*b*) Mound AB. Trench at the Southern Edge. Row of post-cremation urns, looking south.

" LXXVI.—Terracotta Human Figurines.

" LXXVII.—Terracotta Human Figurines.

" LXXVIII.—Animal Figurines of terracotta, faience, stone, etc.

" LXXIX.—Animal Figurines of terracotta, faience, stone, etc.

" LXXX.—Mound F.
(*a*)—(*d*) Statuette of red sandstone No. 9042 from Trench IV.

" LXXXI.—Mound F.
(*a*)—(*d*) Statuette of grey stone No. Ab 959 from the central aisle of the Great Granary.

" LXXXII.—Miscellaneous objects of śaṅkh, faience and stone.

PLATE LXXXIII.—Stone Vessels, Mace-heads and objects of Technical Interest in stone and faience.
" LXXXIV.—Types of Seals and Sealings.
" LXXXV to XCII.—Seals.
" XCIII.—Sealings.
" XCIV.—Sealings.
" XCV.—Sealings and Tiny Seals.
" XCVI.—Tiny Seals.
" XCVII.—Tiny Seals.
" XCVIII.—Tiny Seals and Sealings and an Inscribed Stone Slab.
" XCIX.—Seals, Sealings and an Inscribed Ivory Rod.
" C.—Sealings.
" CI.—Seals, Sealings, Inscribed Terracotta Ball and Pottery.
" CII.—Inscribed Pottery.
" CIII.—Inscribed Pottery and three inscribed fragments of stone.
" CIV.—Inscribed Pottery.
" CV to CXVI.—Sign Manual.
" CXVII.—Miscellaneous Cult and Household Objects.
" CXVIII.—Stone and Chert Weights, Polishers, Knives, Cores and an Arrow-head.
" CXIX.—Bone and ivory Objects.
" CXX.—Playthings and Gamesmen.
" CXXI.—Copper Jar No. 277 and its Contents.
" CXXII.—Copper and Bronze Weapons, Implements and Utensils.
" CXXIII.—Contents of Copper Jar No. 277 and Marble Mace-head No. 573.
" CXXIV.—Copper and Bronze Ornaments, Utensils, Implements, Weapons, etc.
" CXXV.—Copper, Bronze, Silver and Gold Objects.
" CXXVI.—Microphotographs of specimen 'X' (chisel).
" CXXVII.—Microphotographs of specimen 277 *a*,21 (celt).
" CXXVIII.—Miscellaneous Beads.
" CXXIX to CXXXIV.—Beads.
" CXXXV.—Microphotographs of "Burnt" and Painted Steatite.
" CXXXVI.—Microphotographs of Etched Carnelian Beads and Faience Beads.
" CXXXVII.—Jewellery from House 2, Trench IV, Mound F.
" CXXXVIII.—Personal Ornaments.
" CXXXIX.—Personal Ornaments, Unguent Vases and Inlay Objects.

MGIPC—M—III-9-35—28-3-40—350

THE PREHISTORIC SITE OF HARAPPA

PLATE I

REFERENCES

Archaeological Excavations
Triangulation Stations & Wells
Boundary of acquired area
Bench mark heights & ordinary heights — B M 537, . 536½

N.B:- Contour lines represent vertical interval of 5 feet.
Every fifth contour is drawn thick.
Mounds etc. are marked A, B, C etc.
Magnetic Declination adout 1° 55′ East in 1930.
(Decreasing by about 3′ annually)

SCALE
Yards 100 80 60 40 20 0 100 200 300 Yards



(*a*) PART OF MOUND AB WITH THE TOMB OF NAUGAZA, FROM NORTH-EAST.



(*b*) WEST SIDE OF MOUND AB WITH MOUND F IN THE BACKGROUND, LOOKING NORTH.



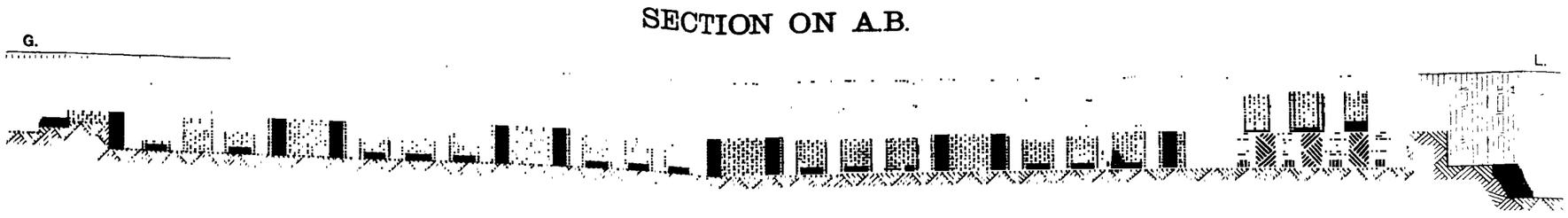
(*c*) ARCHÆOLOGICAL CAMP AND MUSEUM, FROM NORTH-EAST.



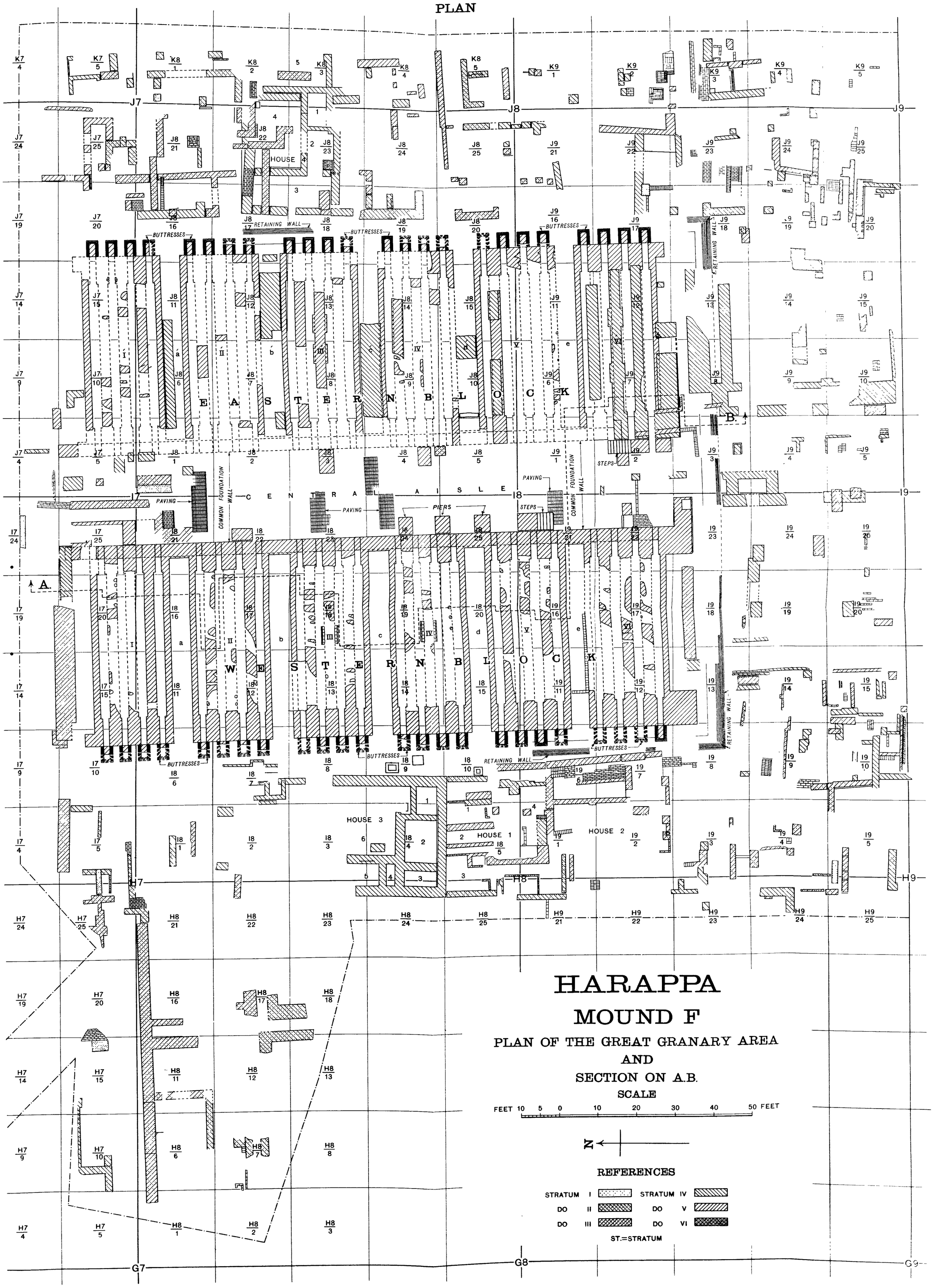
(*d*) NORTH-EAST SPUR OF MOUND AB SHOWING MUD BRICK TERRACING.

PLATE V.

SECTION ON A.B.



PLAN



HARAPPA

MOUND F

PLAN OF THE GREAT GRANARY AREA AND SECTION ON A.B.

SCALE

FEET 10 5 0 10 20 30 40 50 FEET

N

REFERENCES

STRATUM I		STRATUM IV	
DO II		DO V	
DO III		DO VI	

ST.=STRATUM



(*a*) THE GREAT GRANARY, PANORAMIC VIEW, LOOKING SOUTH.



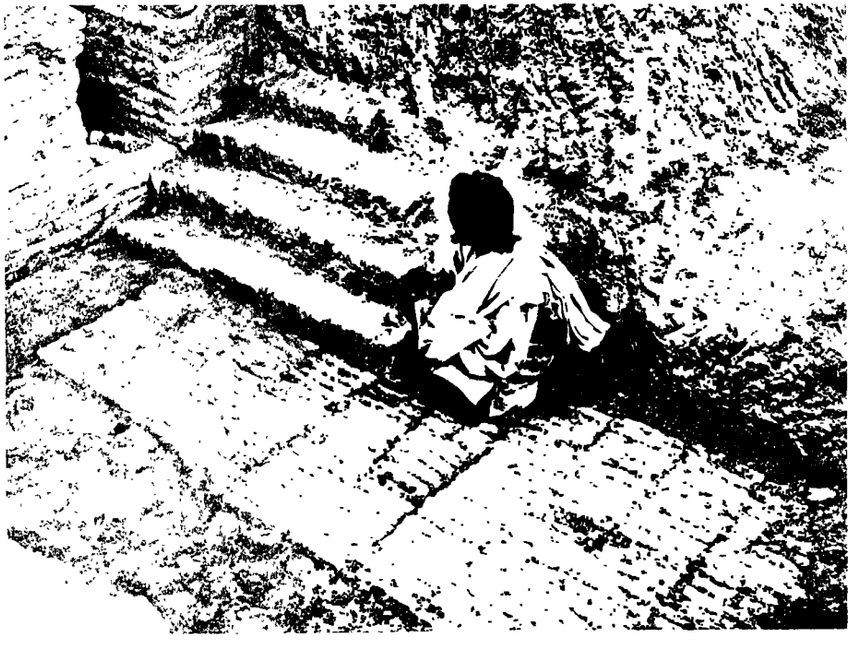
(*b*) THE GREAT GRANARY, PANORAMIC VIEW, LOOKING EAST.



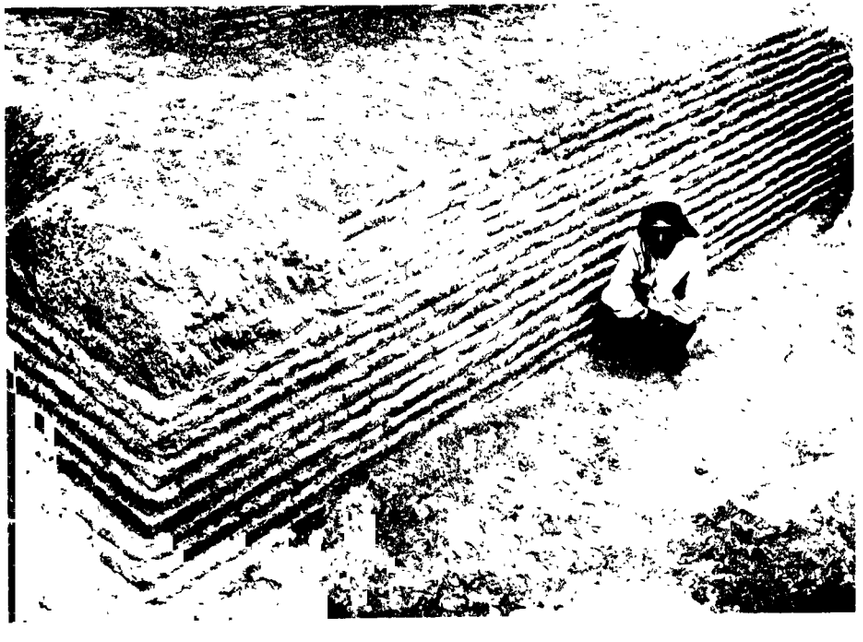
(*a*) THE GREAT GRANARY, FROM SOUTH-WEST.



(*b*) NARROW TRENCH SHOWING A SECTION OF THE RETAINING WALL TO EAST OF THE GREAT GRANARY, LOOKING SOUTH.



(*c*) FLIGHT OF STEPS IN THE CENTRAL AISLE ABUTTING AGAINST THE WESTERN BLOCK OF THE GREAT GRANARY.



(*d*) RETAINING WALL OF THE GREAT GRANARY, FROM SOUTH-WEST.

HARAPPA

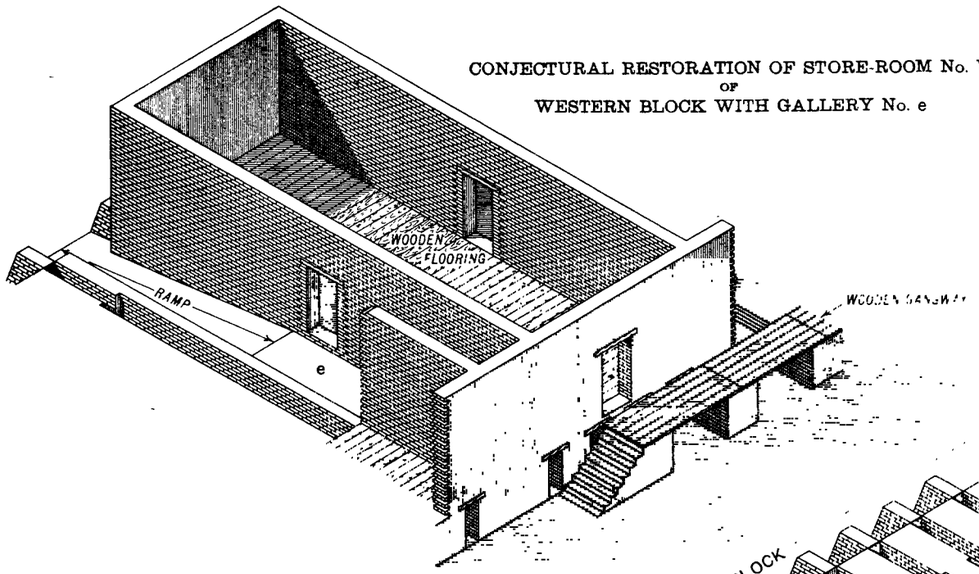
MOUND F

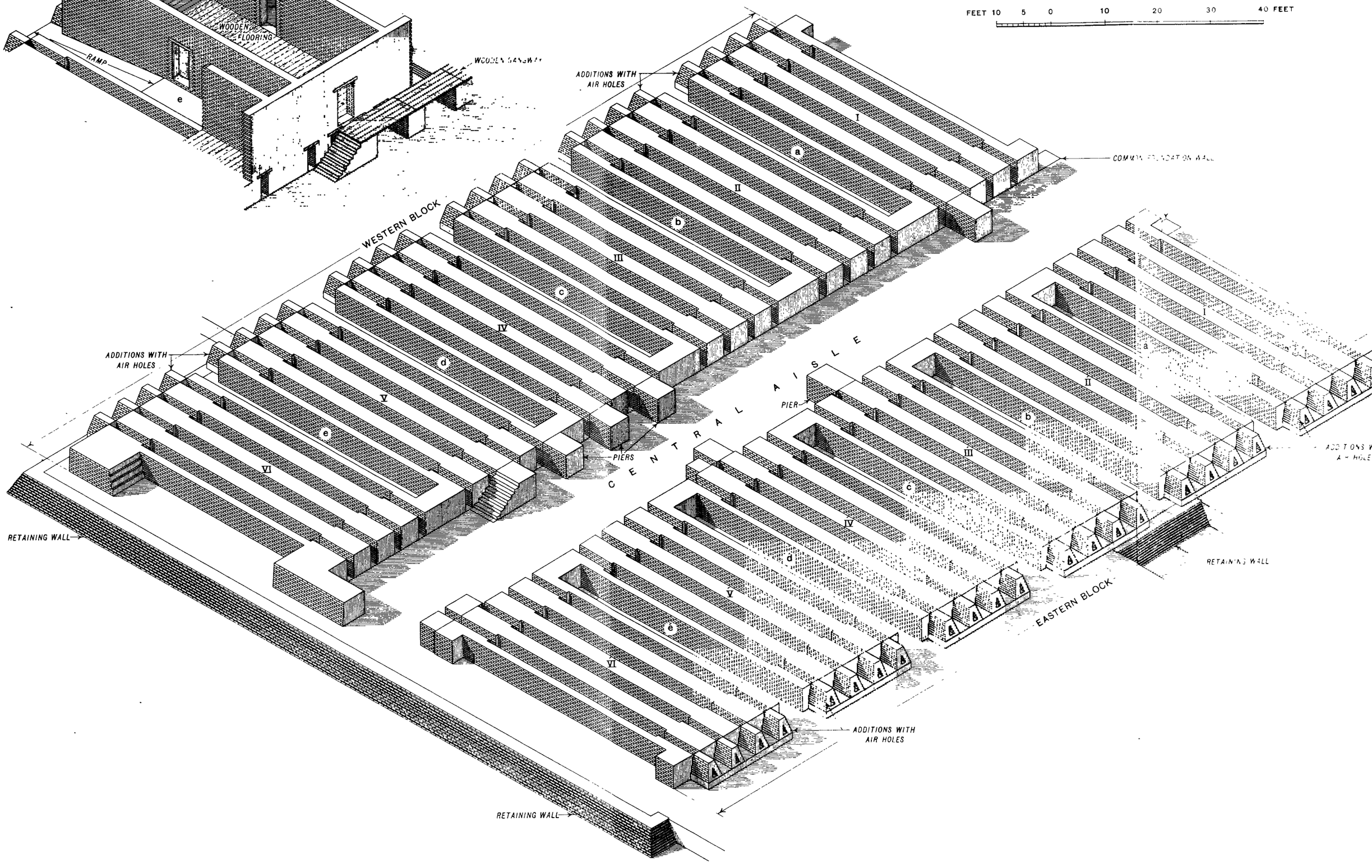
ISOMETRIC PROJECTION OF THE GREAT GRANARY FROM SOUTH-EAST

SCALE

FEET 10 5 0 10 20 30 40 FEET

CONJECTURAL RESTORATION OF STORE-ROOM No. V
OF
WESTERN BLOCK WITH GALLERY No. e







(*a*) EXTENSION TO WEST OF THE GREAT GRANARY, LOOKING NORTH.



(*b*) HOUSE 1 TO WEST OF THE GREAT GRANARY, FROM SOUTH-WEST.



(*c*) EXTENSION TO EAST OF THE GREAT GRANARY, FROM NORTH-WEST.



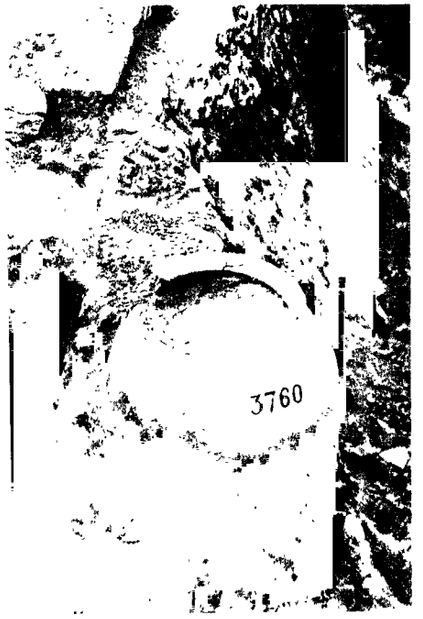
(*d*) EXTENSION TO WEST OF THE GREAT GRANARY, SHOWING EARTHENWARE JARS *in situ* AND WORK IN PROGRESS, FROM SOUTH-EAST-SOUTH.



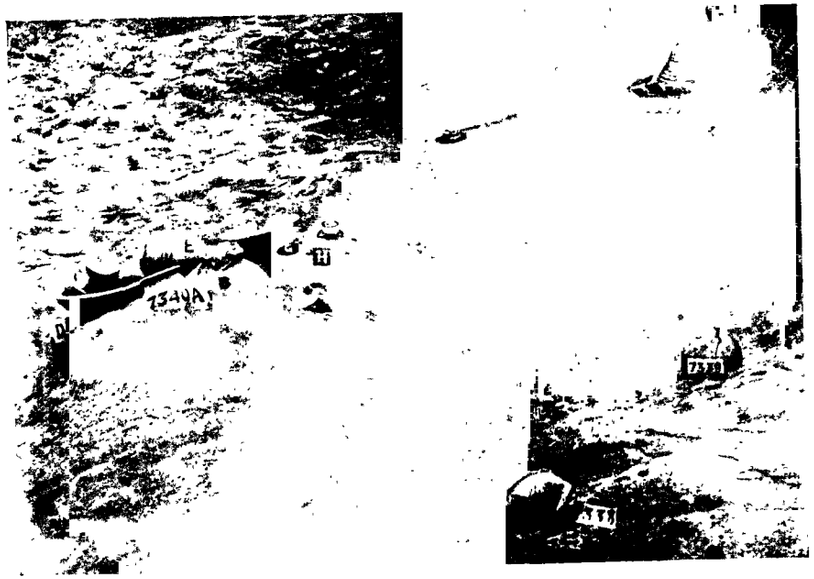
(*a*) EARTHENWARE JAR OF STRATUM V FILLED WITH TRIANGULAR TERRACOTTA CAKES.



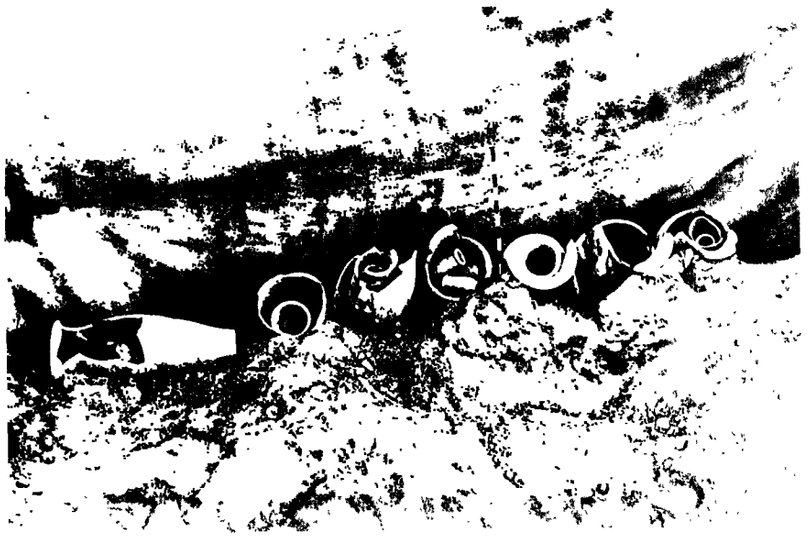
(*b*) POTTERY GROUP OF STRATUM II *in situ*.



(*c*) EARTHENWARE JAR NO. 3760 *in situ*.



(*d*) POTTERY GROUPS NOS. 7338 TO 7340 AND 7360 *in situ*.



(*e*) A LINE OF SEVEN LONG OVAL VASES *in situ* CONTAINING SMALL CYLINDRICAL VASES.

HARAPPA

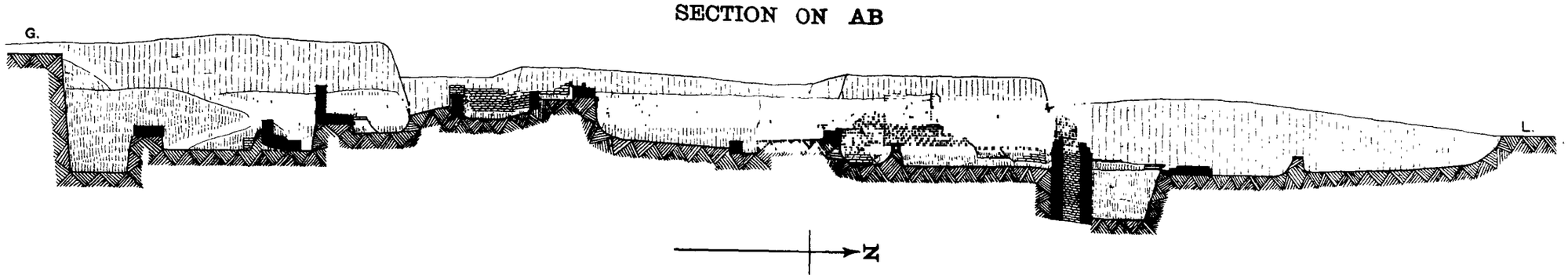
MOUND F

PLAN AND SECTION OF TRENCH A (e)

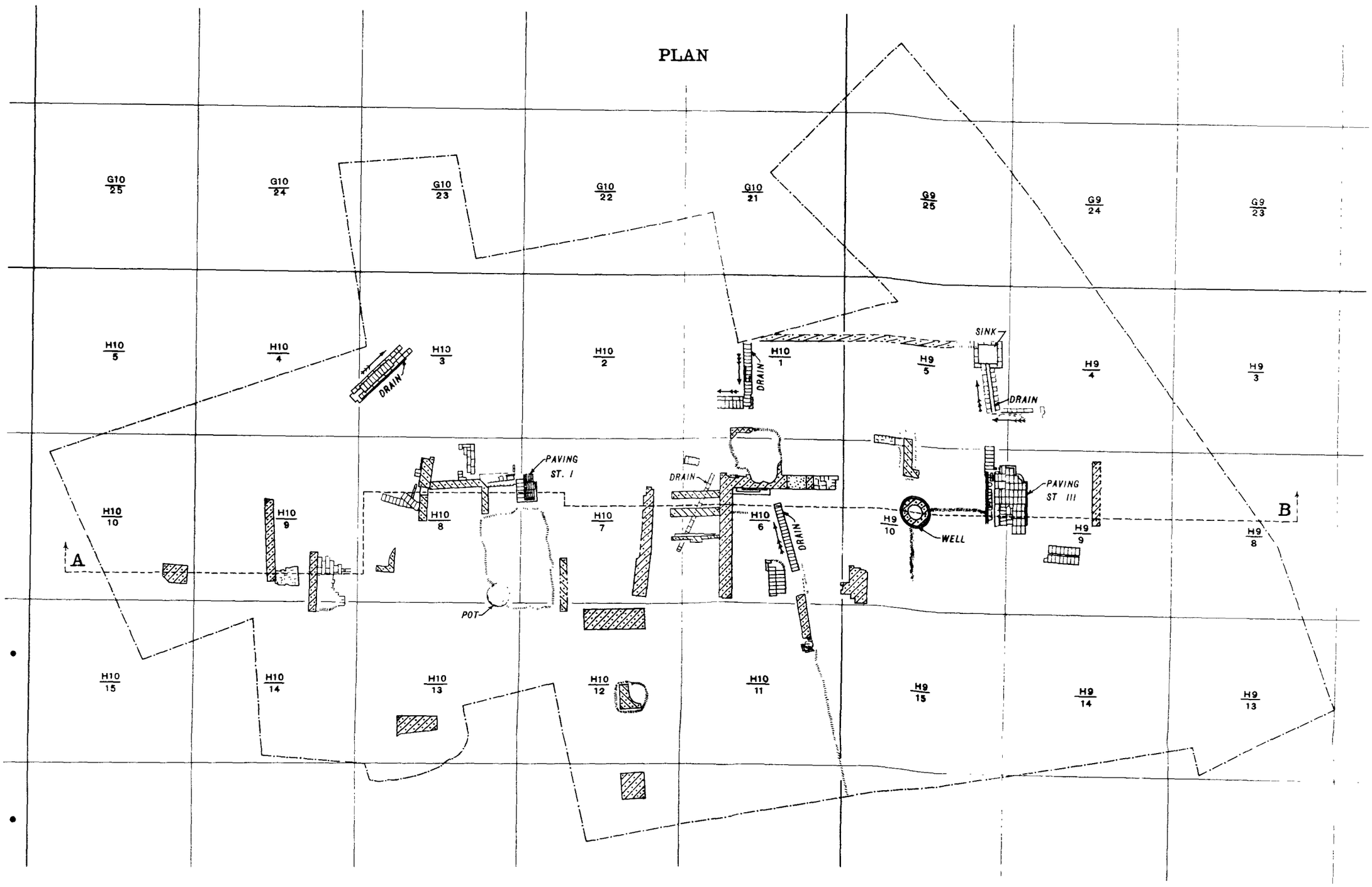
SCALE

FEET 10 5 0 10 20 30 40 FEET

SECTION ON AB



PLAN



REFERENCES

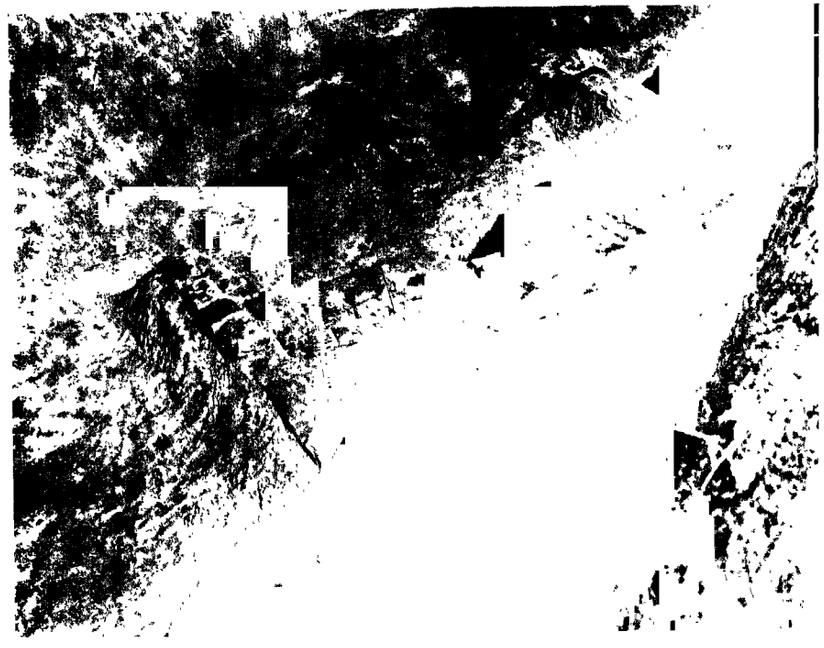
STRATUM II

DO III

ST. = STRATUM



(*a*) GENERAL VIEW OF TRENCH Af FROM NORTH-WEST.



(*b*) DRAIN AND SINK IN TRENCH Ae.

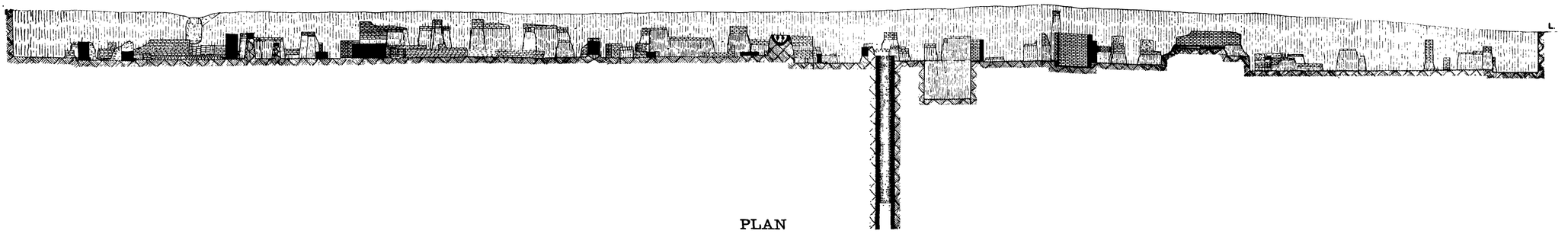


(*c*) LINGAM *in situ* IN TRENCH Ai.

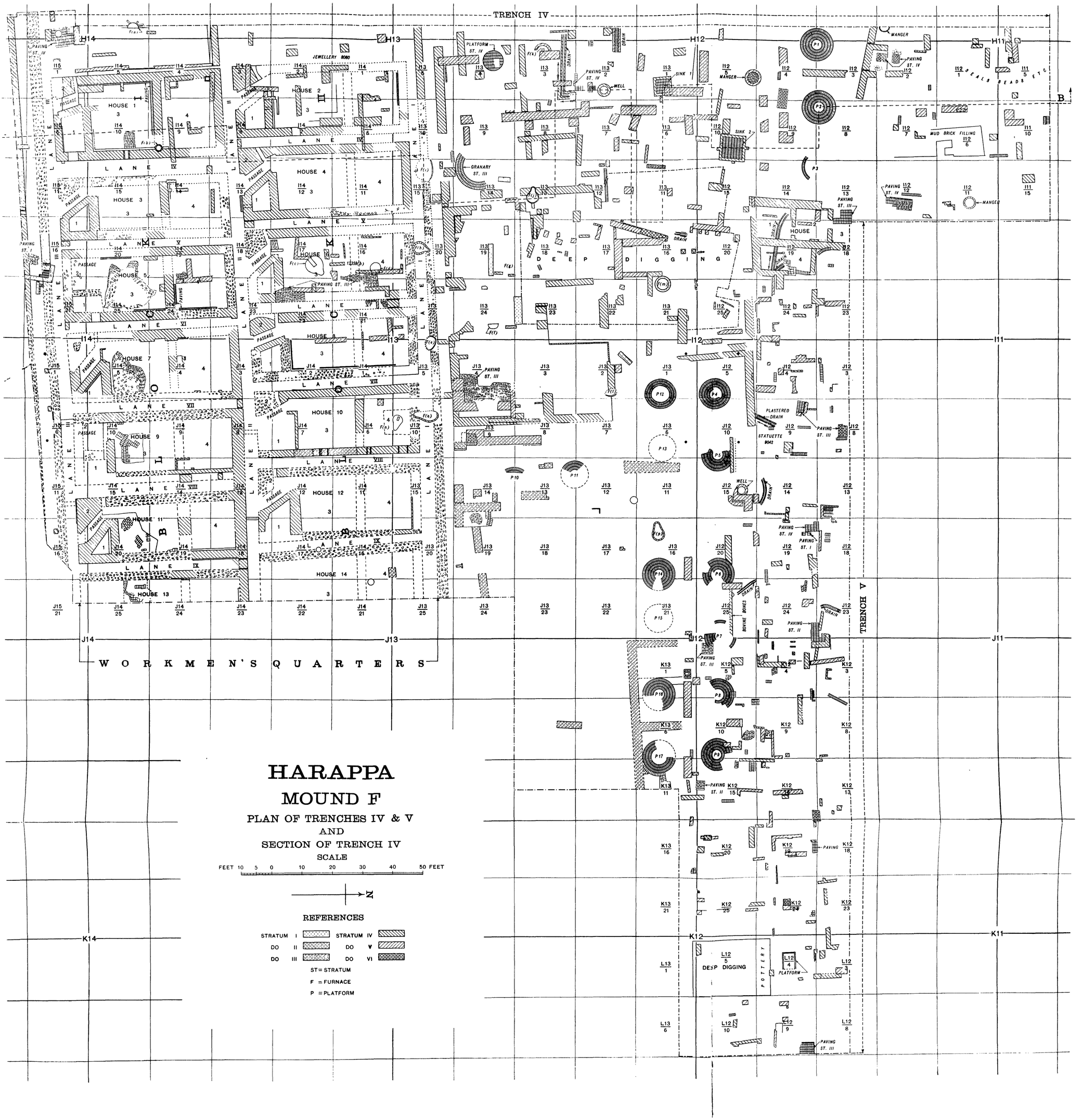


(*d*) BRICK-ON-EDGE PAVEMENT OF STRATUM I IN TRENCH Ae.

SECTION ON AB



PLAN



HARAPPA

MOUND F

PLAN OF TRENCHES IV & V
AND
SECTION OF TRENCH IV

SCALE

FEET 10 5 0 10 20 30 40 50 FEET

N

REFERENCES

STRATUM	I	STRATUM	IV
DO	II	DO	V
DO	III	DO	VI

ST = STRATUM
F = FURNACE
P = PLATFORM



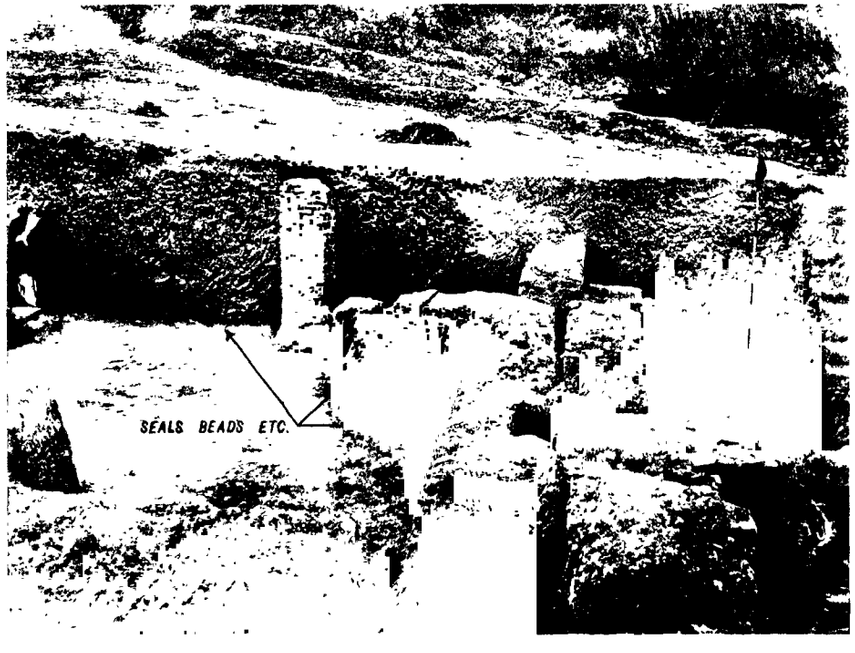
(*a*) WORKMEN'S QUARTERS, LANE II BETWEEN BLOCKS I AND II, LOOKING WEST.



(*b*) WORKMEN'S QUARTERS, LANE I WITH BLOCK II TO RIGHT, FROM WEST.



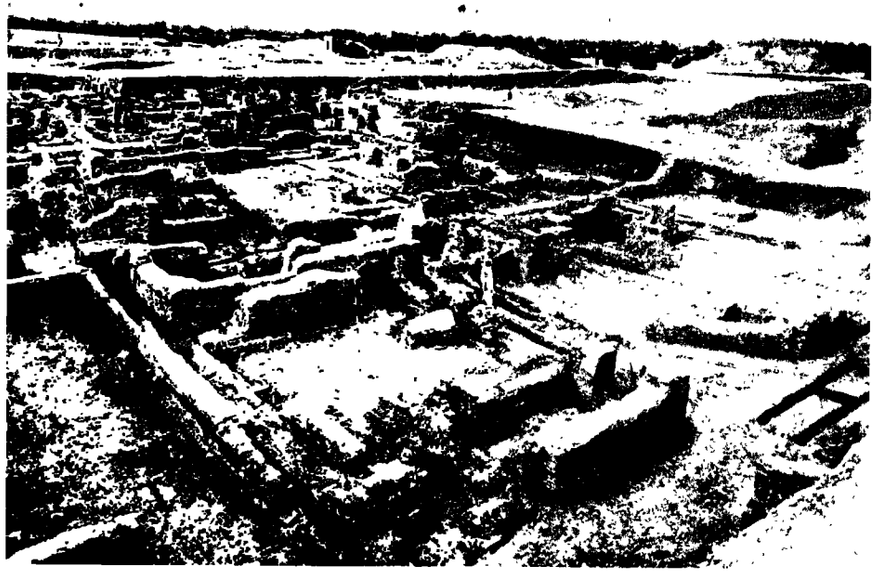
(*c*) NORTHERN PORTION SHOWING CIRCULAR BRICK-ON-EDGE PLATFORMS NOS. 1 TO 3, FROM SOUTH-EAST.



(*d*) NORTHERN END SHOWING THE FINDSPOT OF SEALS, BEADS, ETC., FROM EAST.



(*a*) Workmen's Quarters, Houses 3 and 5 with Lane V between them, from south.



(*b*) Workmen's Quarters, partial view of Blocks I and II with Trench V in the background, from south-west.



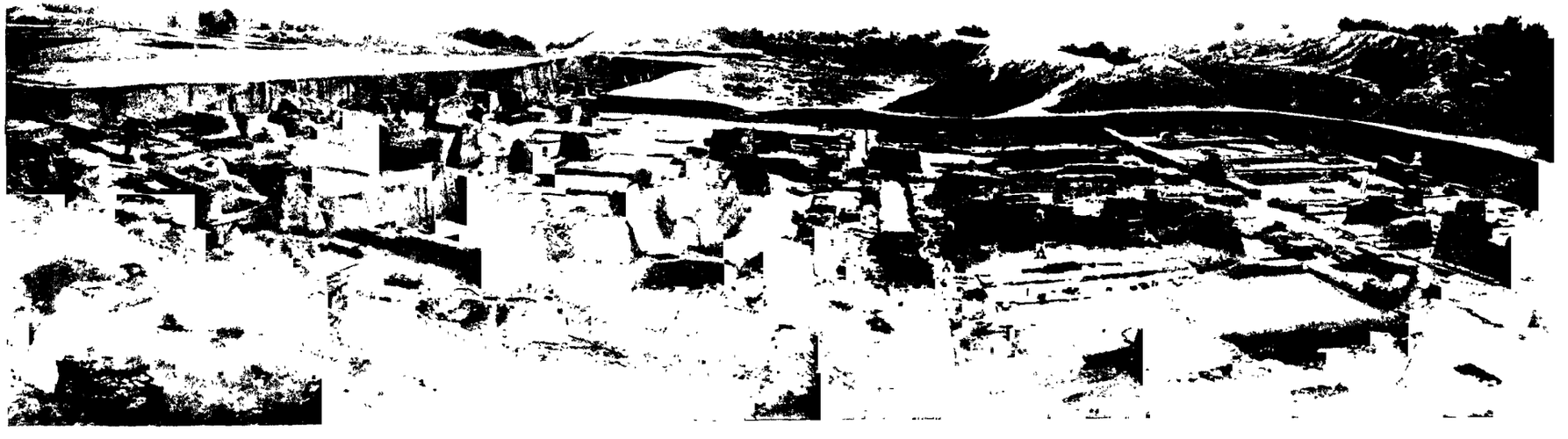
(*c*) General view from north.



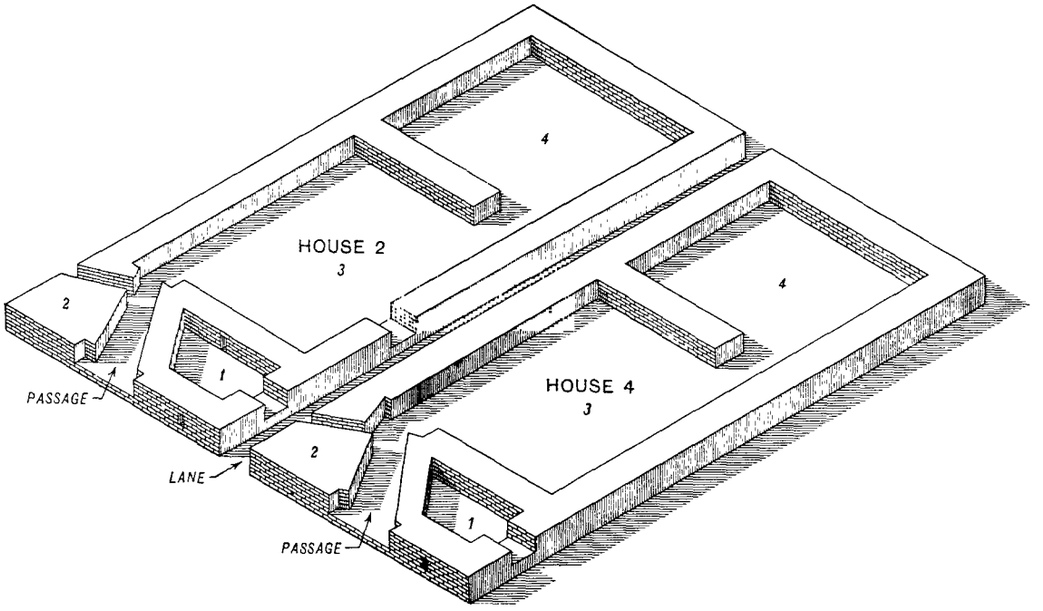
(*d*) Workmen's Quarters, partial view showing quadrilateral-shaped rooms in blocks I and II, from north-west.



(*a*) PANORAMIC VIEW OF TRENCHES IV AND V WITH WORKMEN'S QUARTERS TO LEFT FROM EAST.



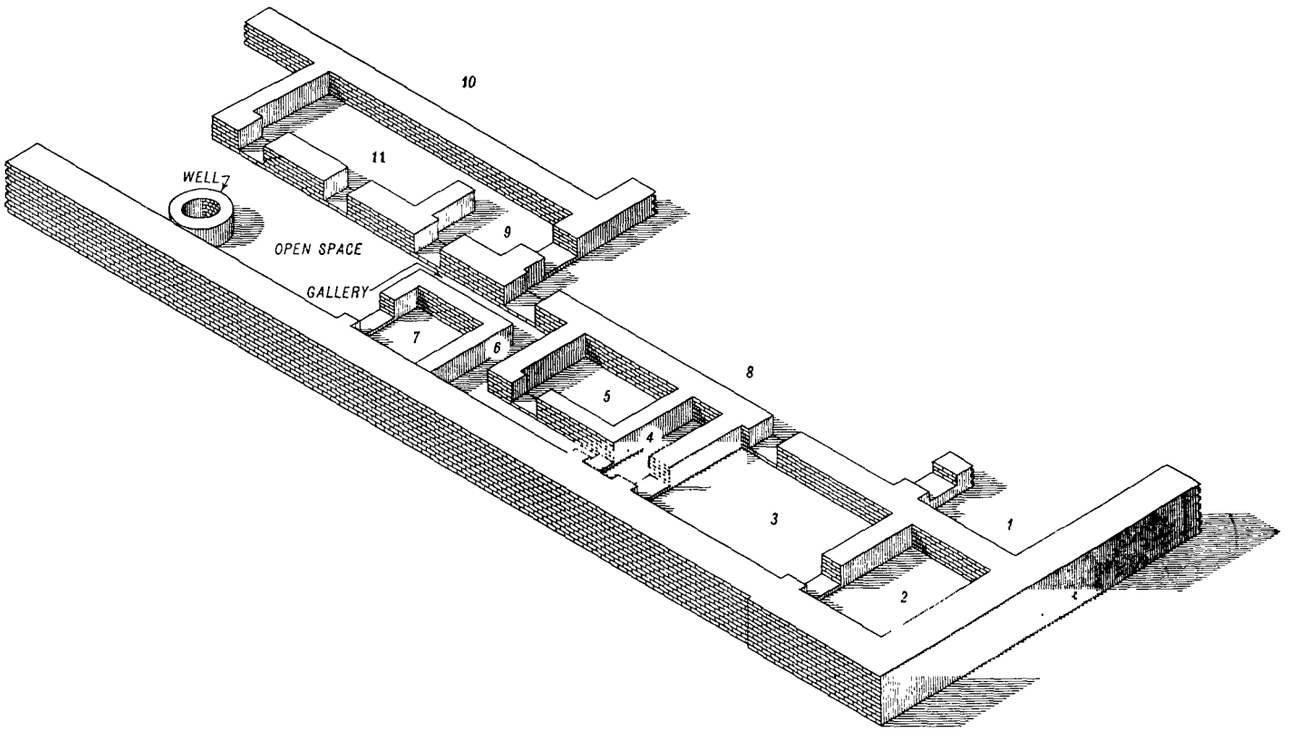
(*b*) PANORAMIC VIEW OF TRENCHES IV AND V WITH WORKMEN'S QUARTERS TO RIGHT, FROM WEST.



a. MOUND F, TRENCH IV, WORKMEN'S QUARTERS. ISOMETRIC PROJECTION OF HOUSES 2 & 4

SCALE

FEET 10 5 0 10 20 30 FEET



b. MOUND F, TRENCH VI, ISOMETRIC PROJECTION OF HOUSE 1

SCALE

FEET 10 5 0 10 20 30 FEET



(*a*) TRENCH IV. DEEP DIGGING SHOWING SEVERAL LAYERS OF NODULES.



(*b*) TRENCH V. BOVINE BONES AND COPPER SPEAR-HEAD NO. 10008 BELOW A WALL OF STRATUM IV IN SQ. J 12/25.



(*c*) TRENCH V. GENERAL VIEW, LOOKING EAST.



(*d*) TRENCH V. WELL WITH PAVEMENT AND WATER JARS, FROM NORTH-WEST.



(*a*) FURNACE Fa WITH A PART OF THE ROOF VAULT LYING INSIDE.



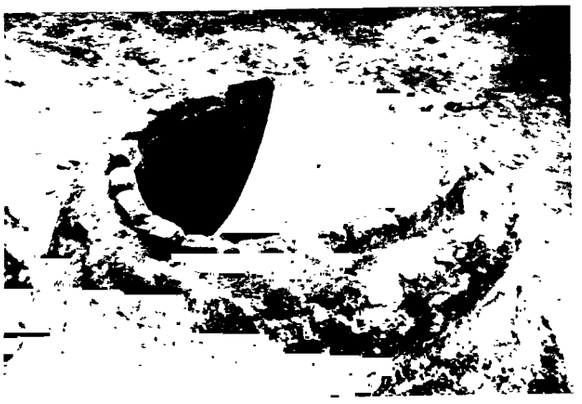
(*b*) FURNACE Fa SHOWING FLUES IN THE VAULT AFTER CLEARANCE.



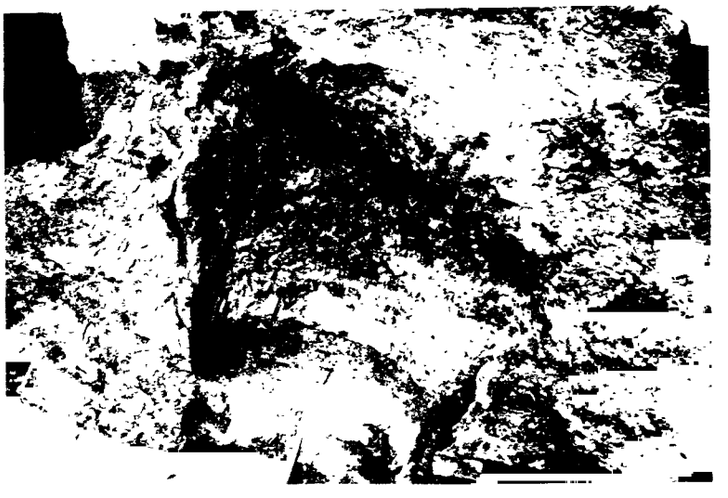
(*c*) FURNACE Fj.



(*d*) FURNACE Fc WITH DIVIDING WALL INSIDE.



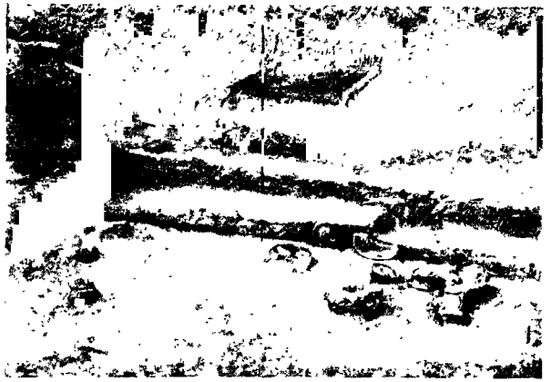
(*e*) PAVED CIRCULAR MANGER LINED WITH BRICK-ON-EDGE.



(*f*) FURNACE Ff.



(*a*) TRENCH V. PART OF A DRAIN WITH LIME PLASTER IN SQ. J 12/9.



(*b*) TRENCH V. DEEP DIGGING AT THE EASTERN END SHOWING BROKEN POTTERY.



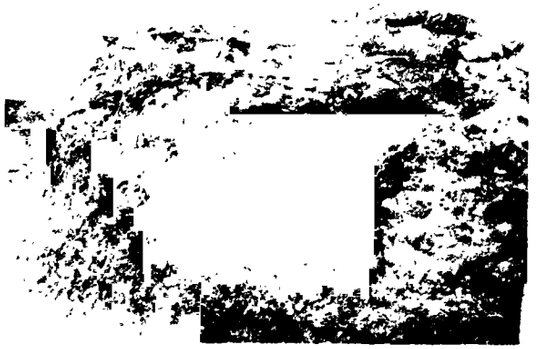
(*c*) TRENCH V. GOBLETS WITH POINTED BASES *in situ* IN SQ. J 12/15.



(*d*) TRENCH IV. *Deg*-SHAPED LARGE POTTERY VESSEL COVERED BY A WALL OF STRATUM III IN SQ. I 11/10.



(*e*) TRENCH IV. FURNACE Fd.



(*f*) TRENCH IV. FURNACE Fg.



(*g*) TRENCH IV. LARGE POTTERY VESSEL SHAPED LIKE A GOBLET WITH POINTED BASE IN SQ. I 12/7.

HARAPPA

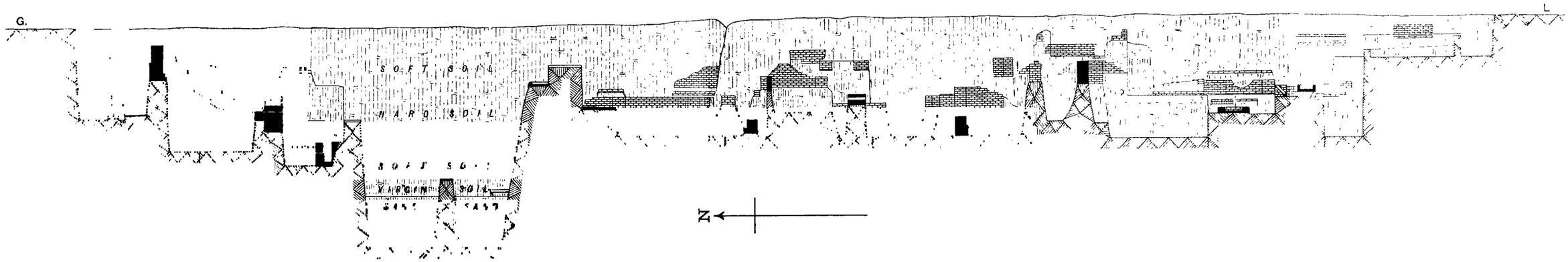
MOUND F

PLAN AND SECTION OF TRENCH I

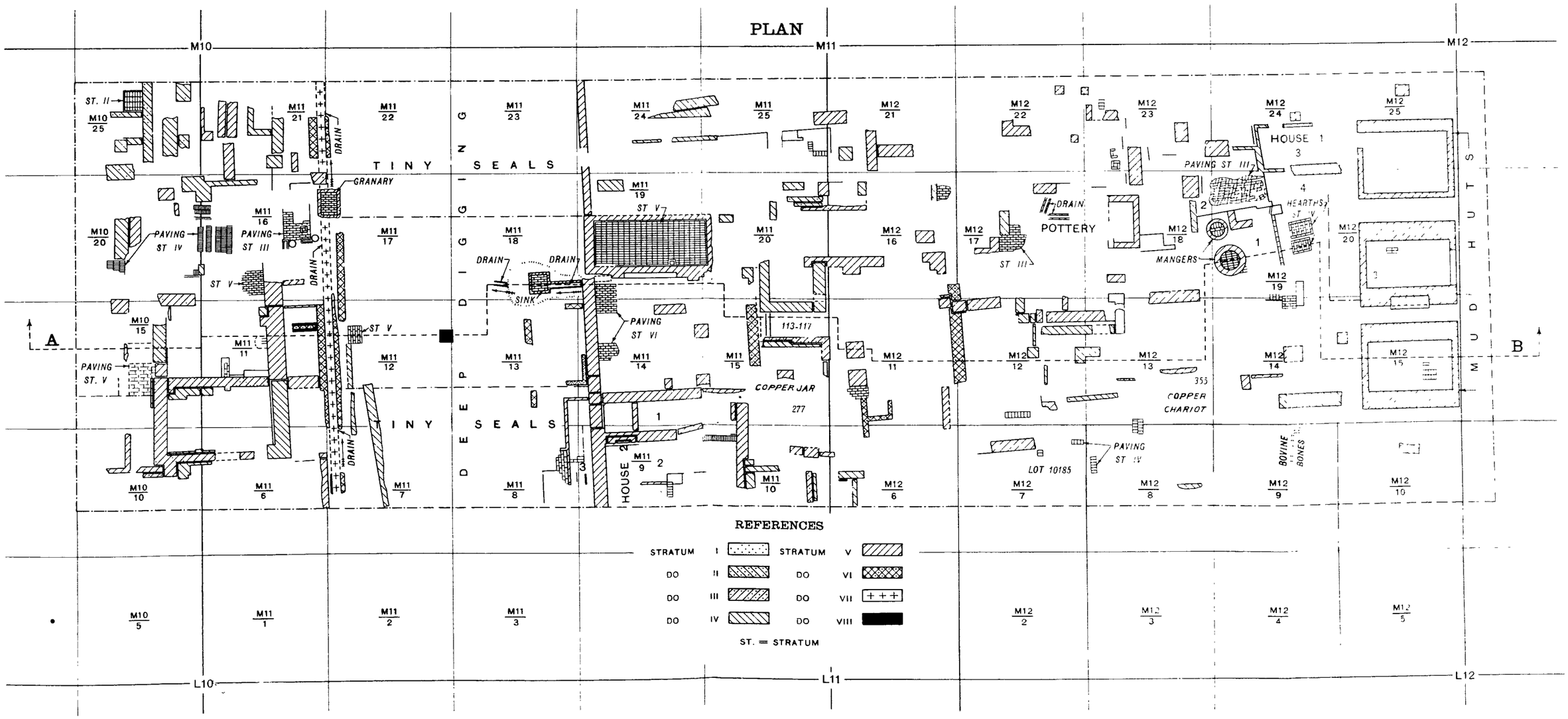
SCALE

FEET 10 5 0 10 20 30 40 FEET

SECTION ON AB



PLAN



REFERENCES

STRATUM	I	STRATUM	V
DO	II	DO	VI
DO	III	DO	VII
DO	IV	DO	VIII

ST. = STRATUM



(*a*) GENERAL VIEW FROM NORTH-WEST-NORTH.



(*b*) GENERAL VIEW FROM SOUTH-EAST-SOUTH.



(*c*) VIEW OF THE CENTRAL SECTION SHOWING STRATA I TO VI FROM NORTH-WEST.



(*d*) DETAIL VIEW OF MUD HUTS AT THE SOUTHERN END.



(*a*) VIEW OF THE NORTHERN SECTION, FROM SOUTH-WEST.



(*c*) CRUSHED POTTERY LYING AGAINST A WALL OF STRATUM V IN SQ. M 11/11.



(*b*) DEEP DIGGING AND THE NORTHERN SECTION SHOWING EIGHT STRATA OF OCCUPATION, FROM SOUTH-WEST.



(*d*) CENTRAL SECTION SHOWING A FINE RECTANGULAR PAVEMENT OF STRATUM V.



(*a*) CENTRAL SECTION. SEALS, WEIGHTS, ETC., OF STRATUM IV *in situ*.



(*b*) CENTRAL SECTION. COPPER JAR NO. 277 OF STRATUM III *in situ*.



(*c*) WESTERN CUTTING OF THE DEEP DIGGING SHOWING COMPRESSED LAYERS OF GREEN EARTH PRECEDED AND FOLLOWED BY SOFT WHITE SOIL.



(*d*) EASTERN PART OF THE DEEP DIGGING SHOWING BOVINE BONES INCLUDING FOREPART OF A SKULL.



(*a*) NORTHERN SECTION, POTTERY JARS 1033 A AND B BESIDES A BROKEN PAVEMENT OF STRATUM III.



(*b*) NORTHERN SECTION, POST-CREMATION URN NO. 3686 IN SQ. M 10/15 WITH A HUMAN TIBIA INSIDE.



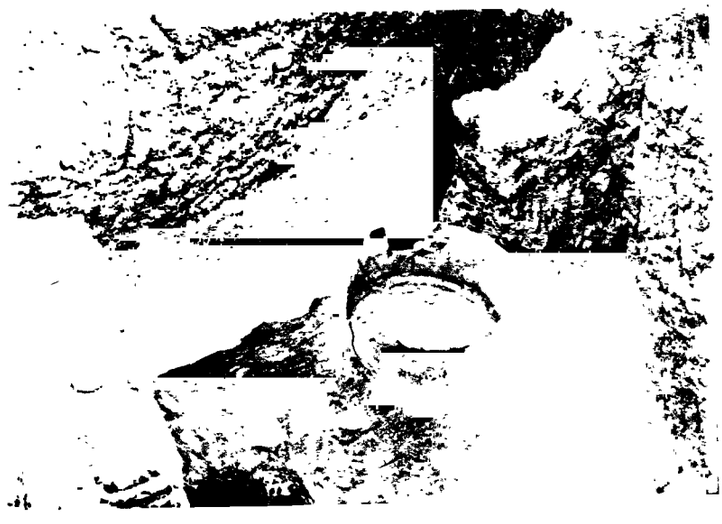
(*c*) SOUTHERN SECTION SHOWING TWO RECTANGULAR HEARTHS OF STRATUM IV AND CIRCULAR MANGERS OF STRATUM V IN SQ. M 12/19.



(*d*) PARTIAL VIEW OF POTTERY IN SQ. M 12/17.



(*e*) INSCRIBED JAR AND JAR-STANDS OF STRATUM VI IN SQ. M 12/6.



(*f*) BROAD AND SHALLOW TROUGH OF STRATUM VI IN SQ. M 11/13.

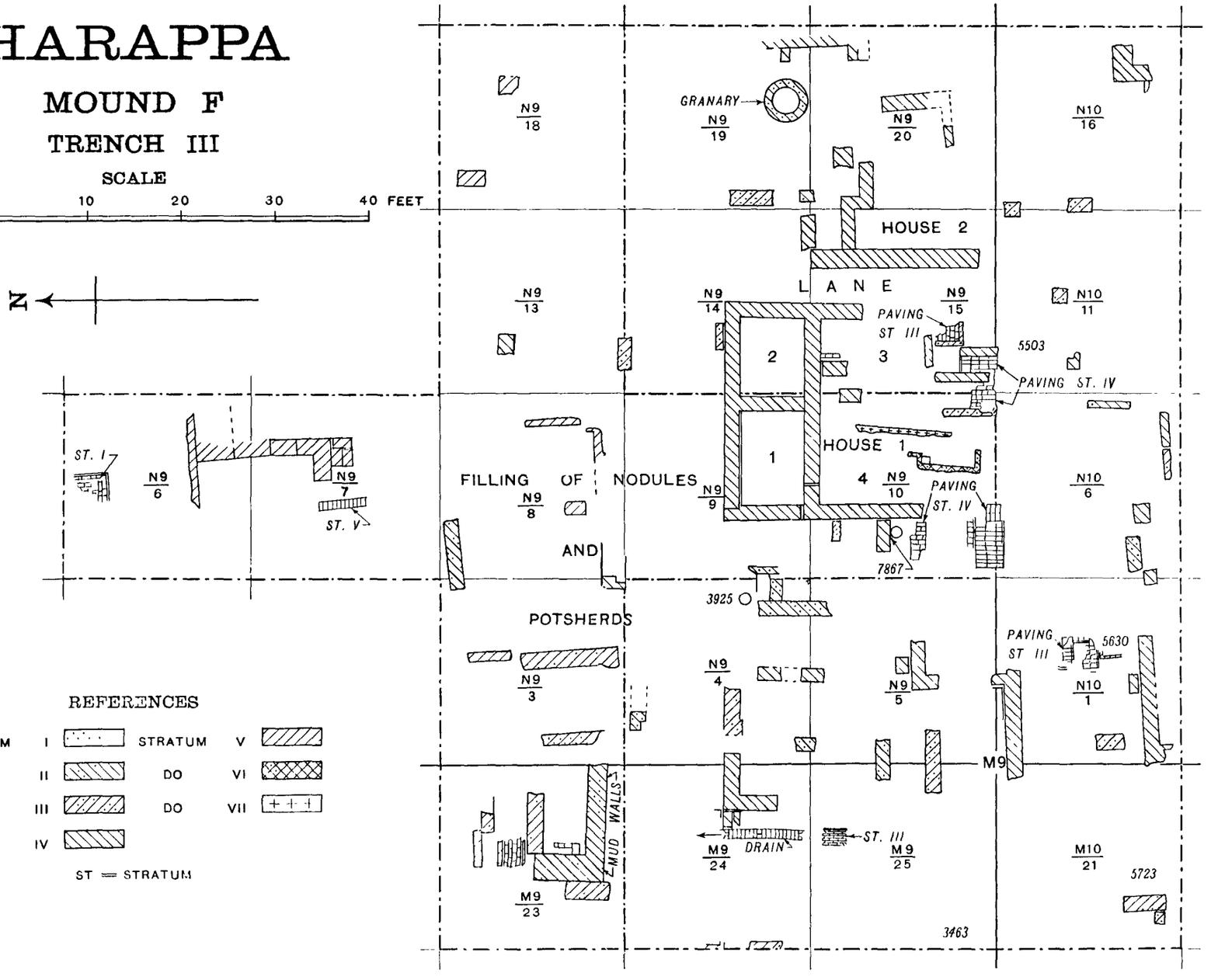
HARAPPA

MOUND F

TRENCH III

SCALE

FEET 10 0 10 20 30 40 FEET



REFERENCES

STRATUM	I		STRATUM	V	
DO	II		DO	VI	
DO	III		DO	VII	
DO	IV				

ST = STRATUM

PLATE XXIV.



(*a*) TRENCH III. PARTIAL VIEW OF HOUSES 1 AND 2 OF STRATUM IV, FROM SOUTH-WEST.



(*b*) TRENCH III. GROUP OF POLYCHROME AND OTHER POTTERY NO. 5723 *in situ*.



(*c*) TRENCH VI. BOVINE BONES AND POTTERY IN SINK 1 IN SQ. P 10/8.



(*d*) TRENCH III. CONTENTS OF A POST-CREMATION URN LYING IN THE LANE BETWEEN HOUSES 1 AND 2.

HARAPPA

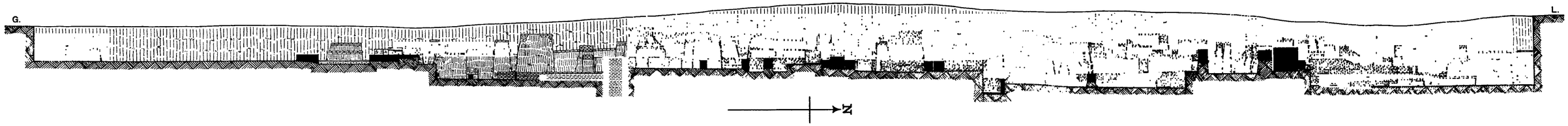
MOUND F

PLAN AND SECTION OF TRENCH VI

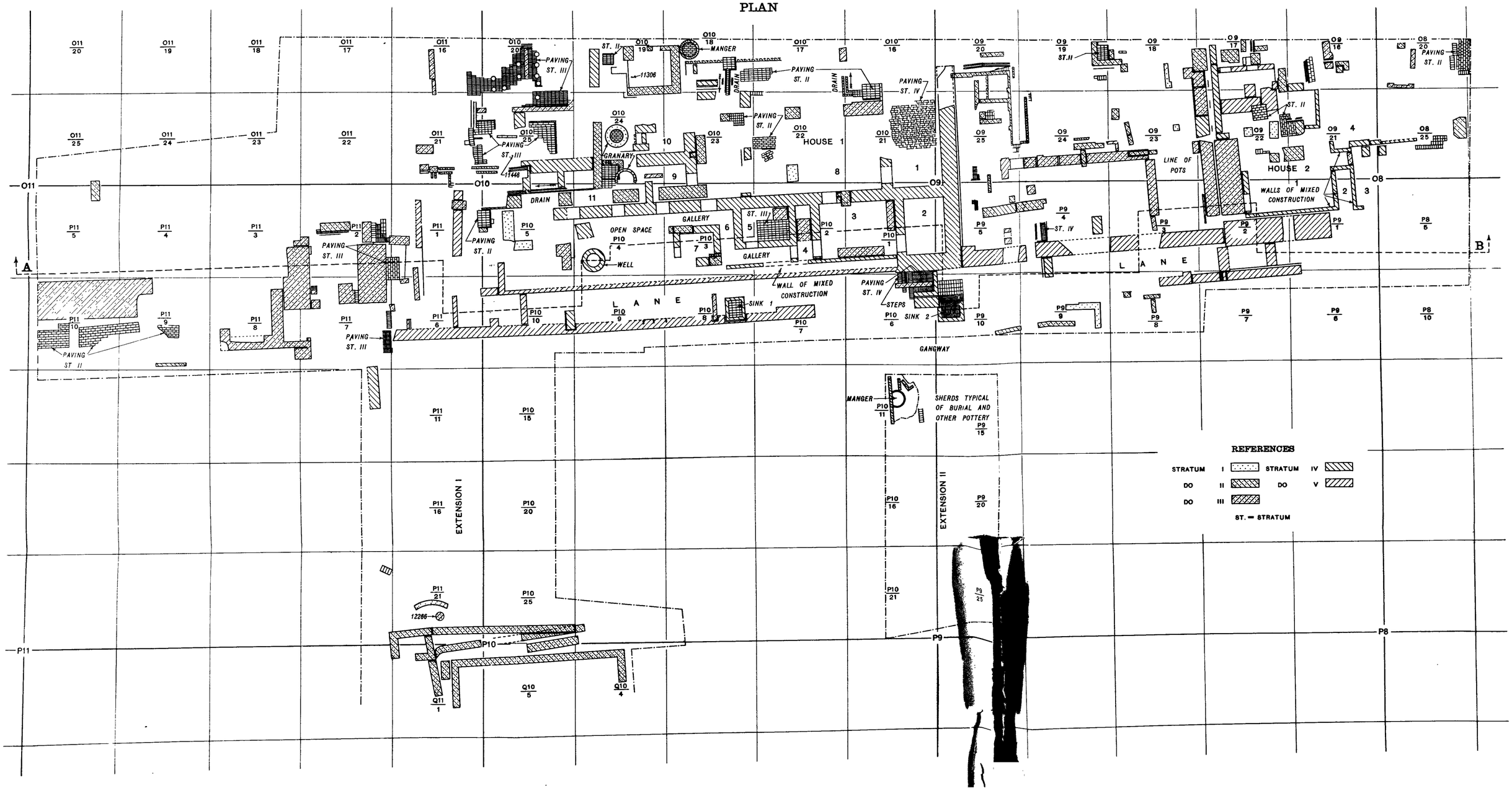
SCALE

FEET 10 5 0 10 20 30 40 FEET

SECTION ON AB



PLAN





(*a*) EASTERN PART OF HOUSE 1 OF STRATUM IV, FROM NORTH-WEST.



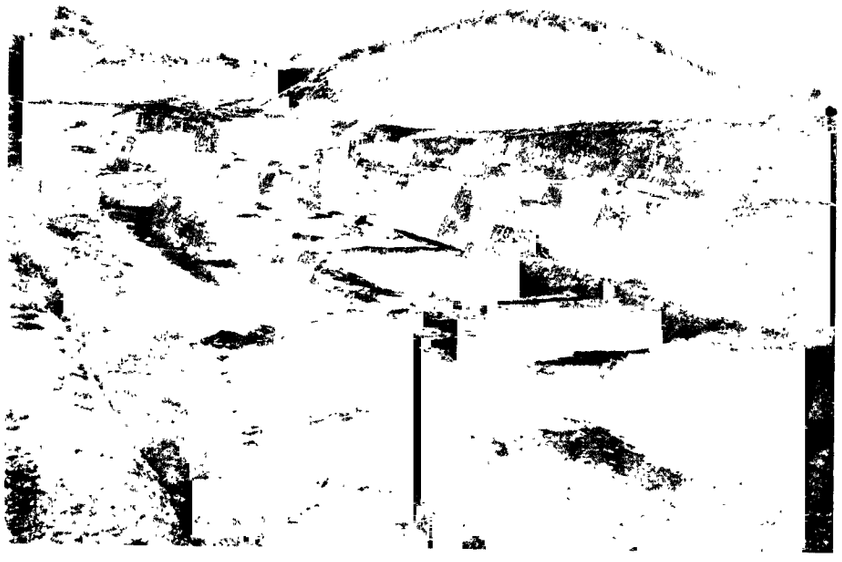
(*b*) WESTERN PART SHOWING IN THE FOREGROUND JAR-STANDS EMBEDDED IN A LARGE PAVEMENT, LOOKING NORTH.



(*c*) BURIAL AND NON-BURIAL TYPES OF POTSHERDS MIXED WITH BOVINE BONES AND BRICKBATS IN SQUARES P 10/11 AND P 9/15.



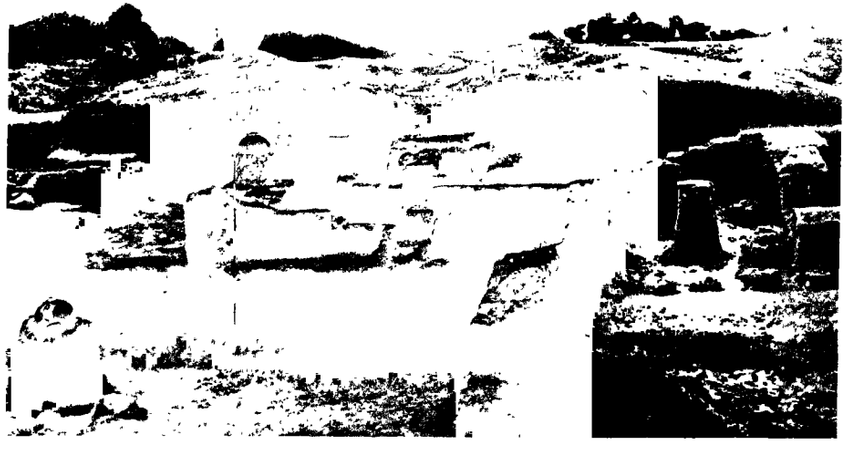
(*d*) ALTERNATE COURSES OF MUD AND BURNT BRICKS IN THE OUTER WALLS OF ROOM 1, HOUSE 2, FROM NORTH-EAST.



(*a*) EASTERN PART OF HOUSE 1 OF STRATUM IV AND OTHER STRUCTURES, FROM NORTH-EAST.



(*b*) EXTENSION I, BACK PART OF A HOUSE BURIED UNDER FIELDS, FROM NORTH-WEST.



(*c*) EARTHENWARE JARS OF STRATA I TO III IN THE SOUTHERN PART OF THE NORTHERN SECTION, LOOKING WEST.



(*d*) LANE TO THE EAST OF HOUSES 1 AND 2 BLOCKED BY LATER WALLS, FROM SOUTH.

HARAPPA

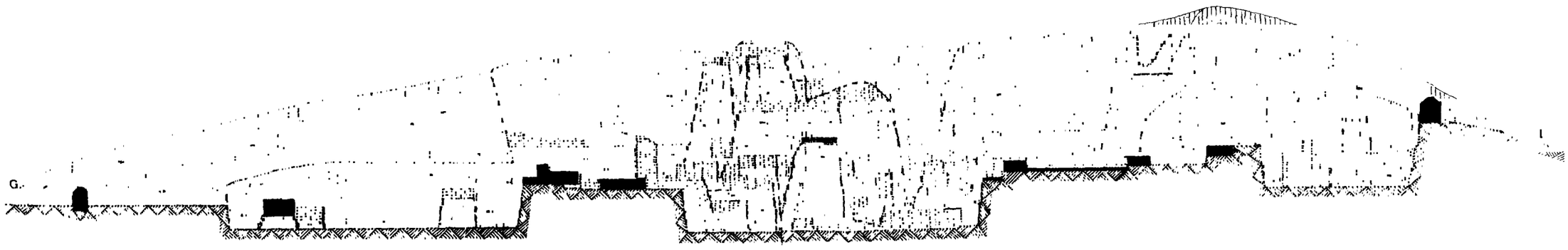
MOUND AB

PLAN AND SECTION OF TRENCH B

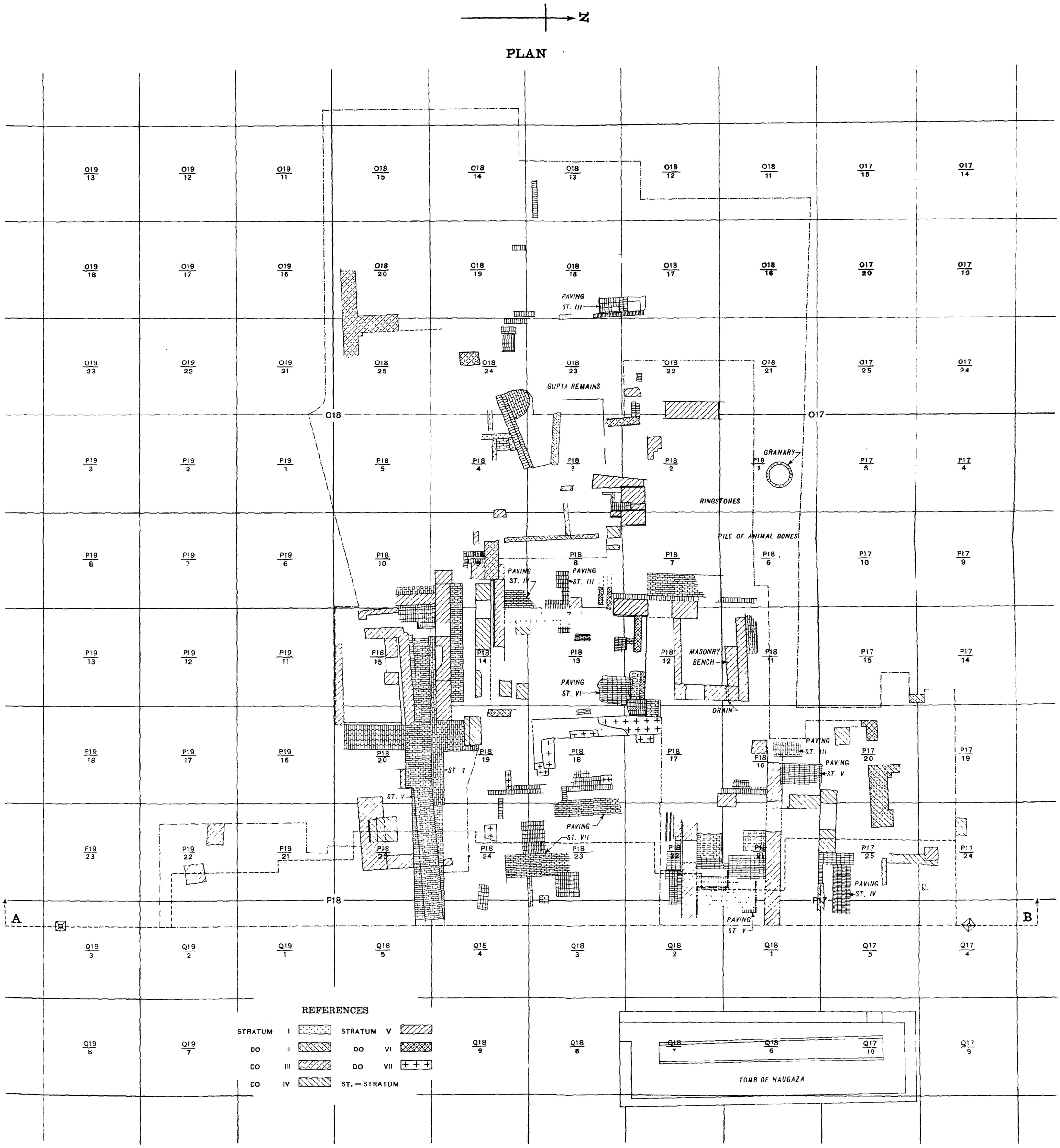
SCALE

FEET 10 5 0 10 20 30 40 FEET

SECTION ON A.B.

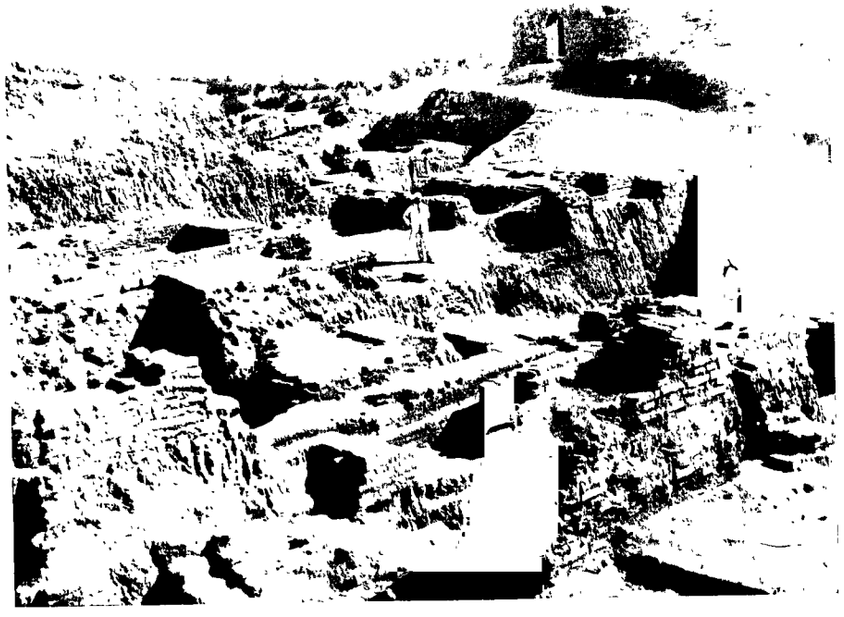


PLAN

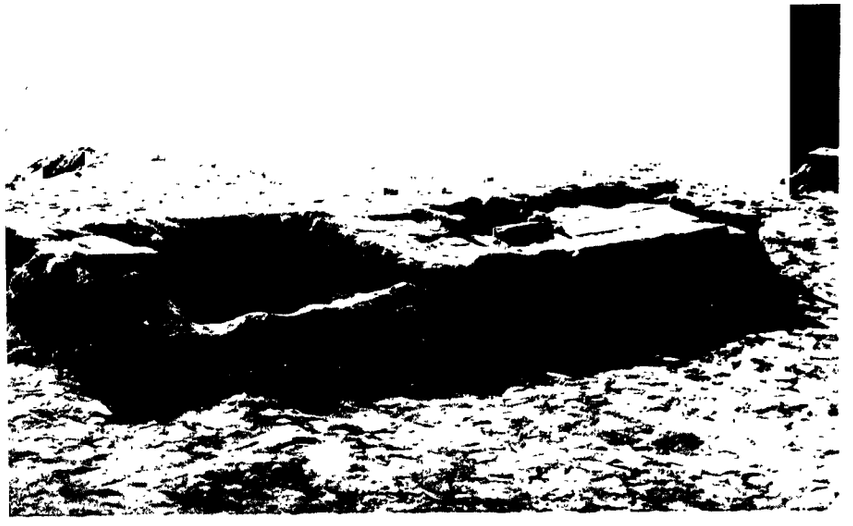


REFERENCES

STRATUM	I		STRATUM	V	
DO	II		DO	VI	
DO	III		DO	VII	+ + +
DO	IV		ST. = STRATUM		



(*a*) General view showing multiple strata, from south-west.



(*b*) Rectangular pavement with brick edging in two parts.



(*c*) Heap of animal bones of stratum IV found in the centre of the trench.



(*d*) General view from east-south-east.

HARAPPA

MOUND AB

PLAN AND SECTION OF THE EXTENSION OF PITS I AND II

SCALE

FEET 10 5 0 10 20 30 40 FEET

SECTION ON A.B.

PLAN

REFERENCES

STRATUM I DO II DO III STRATUM IV DO V DO VI

ST. = STRATUM

N

A

B

G.

L.

HOUSE 1

HOUSE 2

HOUSE 3

HOUSE 4

HOUSE 5

MUD BRICK WALL

MUD BRICK INFILLING

MUD PLATFORM WITH BRICK EDGING

SKELETAL REMAINS

PAVING

RESERVOIR

OPEN SPACE

PASSAGE

WATER CHUTE

LARGE DRAIN

DRAIN

DRAINAGE JARS

SINK 1

SINK 2

PIT 1

PIT 2



(*a*) GENERAL VIEW SHOWING FRAGMENTARY NATURE OF THE REMAINS, FROM SOUTH-EAST.



(*b*) EASTERN PART SHOWING PAVEMENTS, GABLE ROOFED DRAIN ACROSS THE CENTRE AND SHED OVER BURIAL NO. 5440 IN THE BACKGROUND, FROM NORTH-WEST-NORTH.



(*c*) LARGE DRAIN OF STRATUM V WITH A GABLE ROOFED DRAIN ABOVE, FROM EAST.



(*d*) GENERAL VIEW SHOWING A DILAPIDATED PAVEMENT AND FRAGMENTARY REMAINS, LOOKING EAST.



(*a*) SPILL WATER JARS ENCLOSED BY BRICK RESERVOIRS EMBEDDED ALONG THE WESTERN END OF A GABLE ROOFED DRAIN OF STRATUM IV FROM NORTH-EAST.



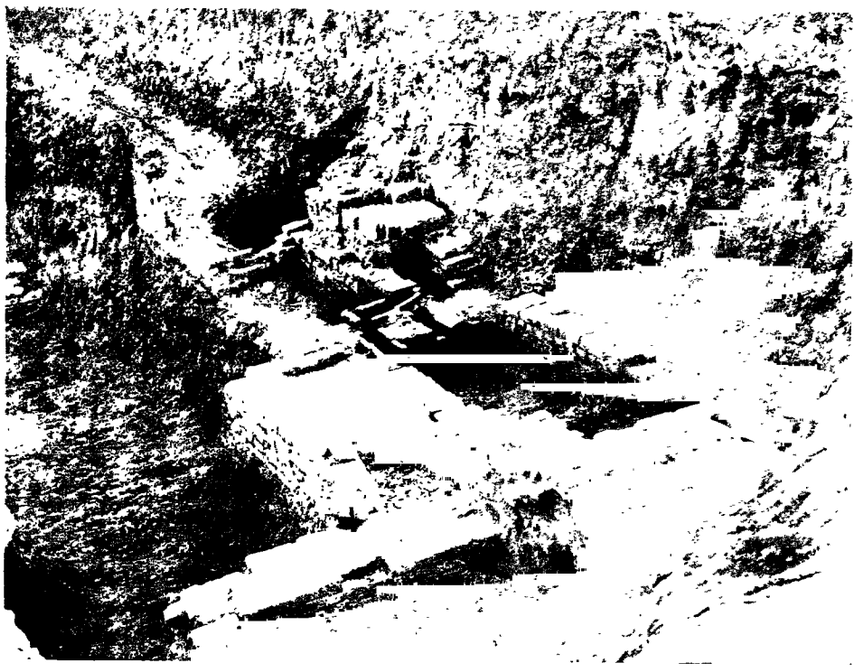
(*b*) HOUSE 4 OF STRATUM III CONSTRUCTED AGAINST AN EXISTING WALL OF STRATUM IV, FROM SOUTH-EAST.



(*c*) SAUCER-SHAPED DEPRESSION OF STRATUM III WITH FILMY COATING OF FULLER'S EARTH.



(*d*) ENCLOSURE SHOWING FRACTIONAL BURIAL NO. 5140, FROM NORTH-WEST.



(*a*) PIT IV. REMAINS OF A ROOM AND DRAIN OF STRATUM IV WITH A LATER PAVEMENT IN THE BACKGROUND, FROM SOUTH-WEST.



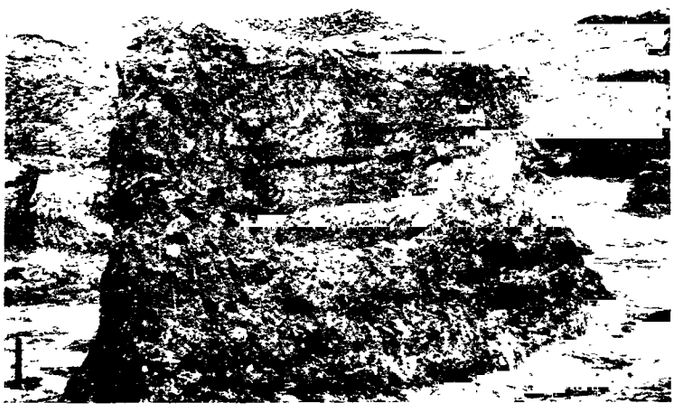
(*b*) EXTENSION OF PITS I AND II. POST-CREMATION TROUGH NO. 3868 CONTAINING A TORTOISE SHELL, POTTERY, ETC.



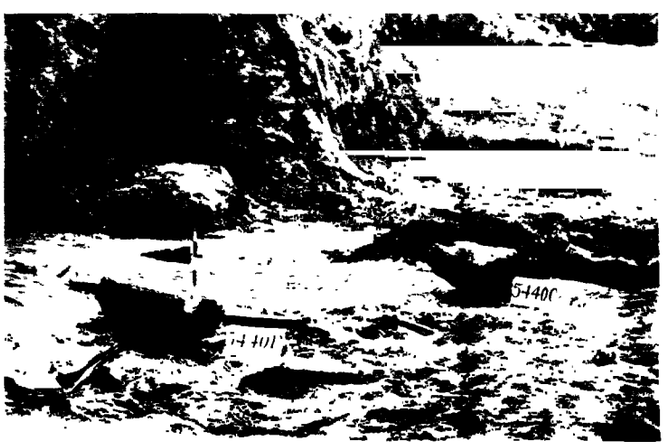
(*c*) DRAINAGE JARS ENCLOSED IN BRICK RESERVOIRS EMBEDDED ALONG THE WESTERN END OF THE GABLE ROOFED DRAIN OF STRATUM IV.



(*d*) PIT III. FRAGMENTARY REMAINS, FROM NORTH-WEST.



(*e*) EXTENSION OF PITS I AND II. A CURTAIN WALL OF STRATUM IV IN SQUARE Q 24/9 WITH ASHES AND CHARCOAL STICKING ON BOTH SIDES.



(*f*) EXTENSION OF PITS I AND II. PARTIAL VIEW OF FRACTIONAL BURIAL NO. 5440, FROM EAST.

HARAPPA

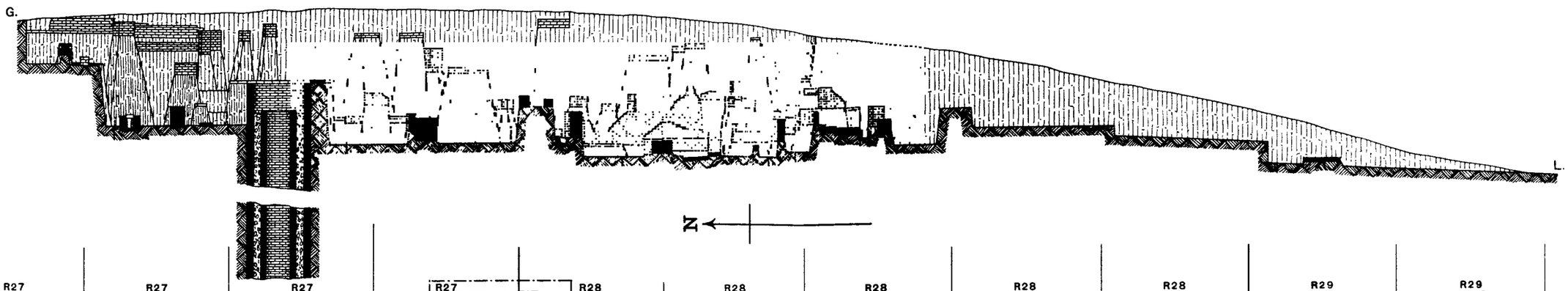
MOUND AB

PLAN AND SECTION OF THE TRENCH AT THE SOUTHERN EDGE

SCALE

FEET 10 5 0 10 20 30 40 FEET

SECTION ON A.B.



PLAN





(*a*) MOUND AS LEFT BY BRICK DIGGERS, FROM SOUTH-WEST-SOUTH.



(*b*) LONG VIEW OF CRUSHED POST-CREMATION URNS OF STRATUM V GOING ACROSS THE TRENCH, LOOKING WEST.



(*c*) GENERAL VIEW OF THE TRENCH SHOWING EXCAVATIONS IN THE BACKGROUND, AREA J, CEMETERY H AND MUSEUM, LOOKING SOUTH.



(*d*) LONG BRICK-ON-EDGE PAVEMENT OF STRATUM IV WITH SEVERAL PARTITIONS, LOOKING SOUTH.



(*e*) GENERAL VIEW SHOWING MUD BRICK TERRACE IN THE FOREGROUND, FROM SOUTH.



(*f*) DOUBLE WELL OF STRATUM III SHOWING TWO RINGS WITH CLAY FILLING IN BETWEEN.

HARAPPA

AREA J

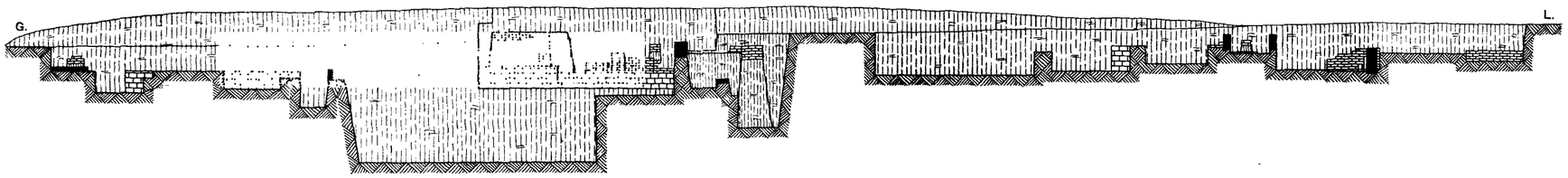
PLANS AND SECTIONS OF

TRENCHES I, II AND III

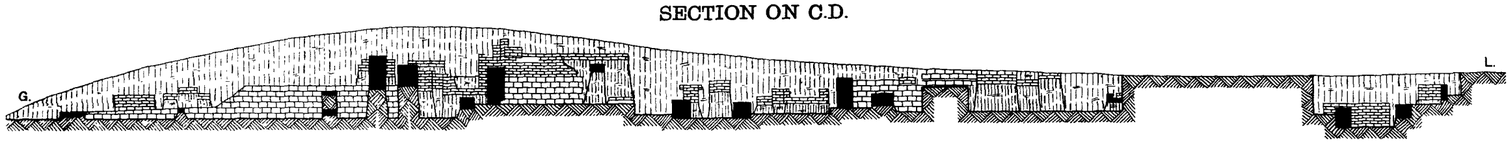
SCALE

FEET 10 5 0 10 20 30 40 50 FEET

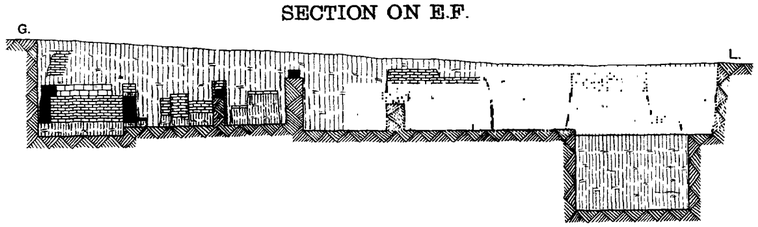
SECTION ON A.B.

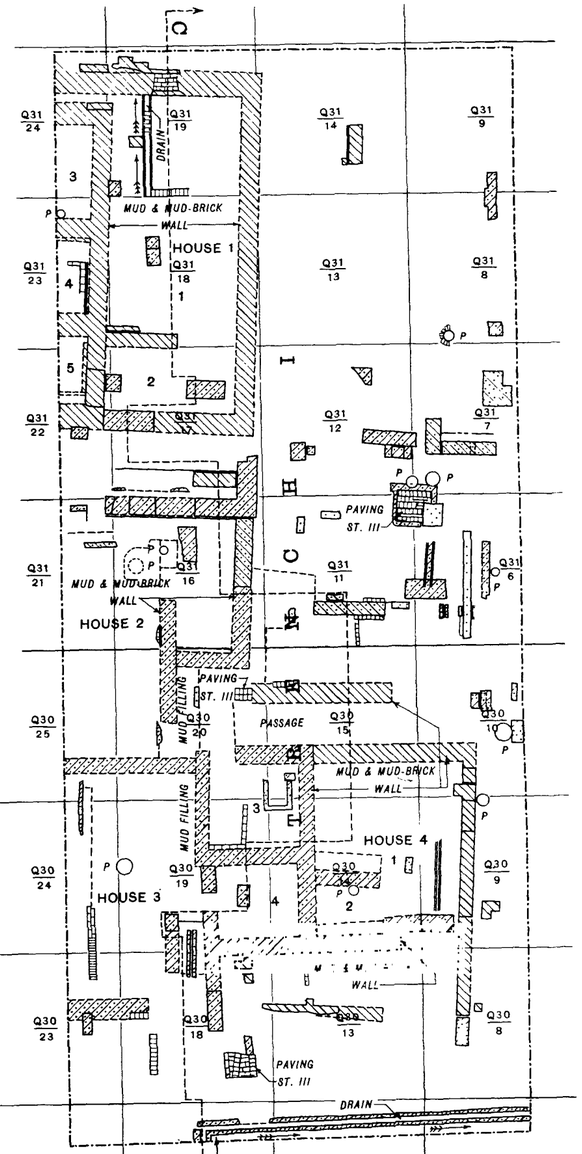


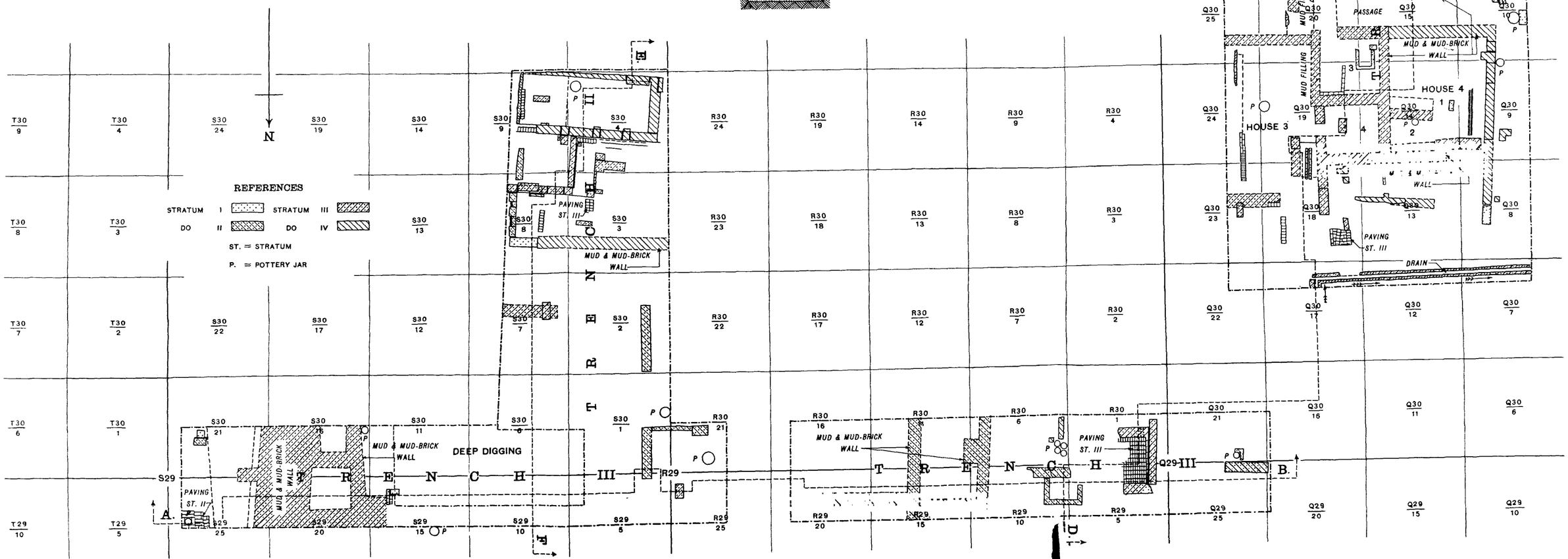
SECTION ON C.D.



SECTION ON E.F.









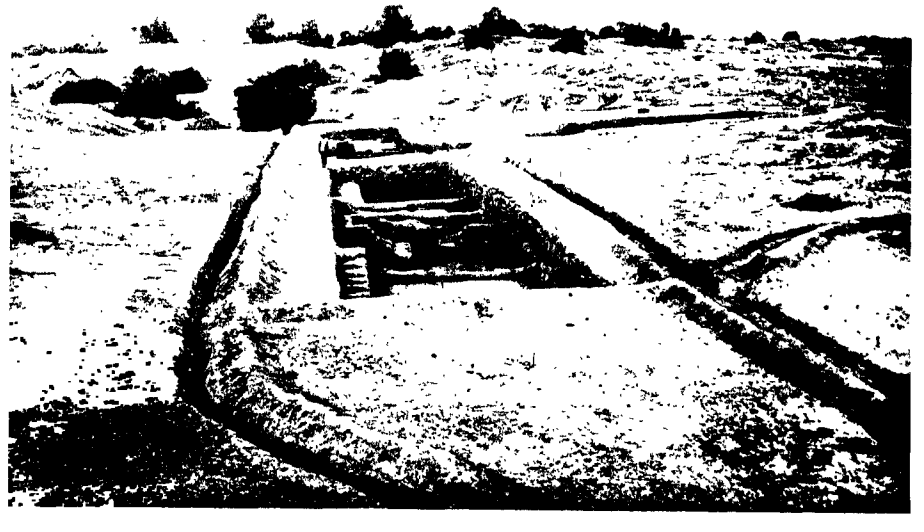
(*a*) TRENCH I, GENERAL VIEW FROM NORTH-WEST.



(*b*) TRENCH I, HOUSE 4 SHOWING *Kachcha* ROOMS, FROM SOUTH-WEST.



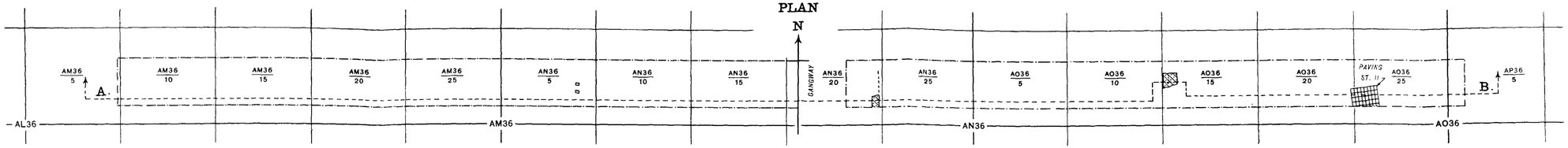
(*c*) TRENCH II, GENERAL VIEW, LOOKING SOUTH.



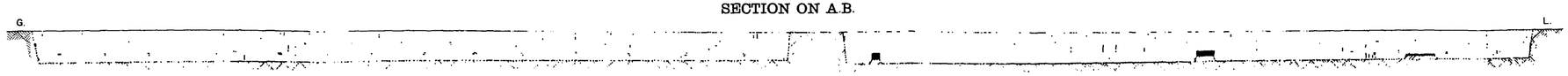
(*d*) TRENCH III, LOOKING EAST.

TRENCH I

PLAN

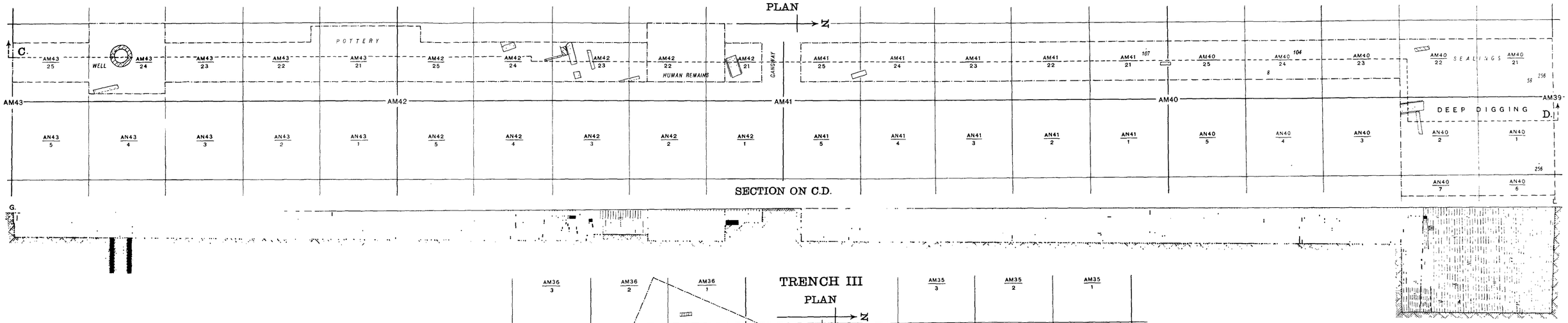


SECTION ON A.B.



TRENCH II

PLAN



SECTION ON C.D.

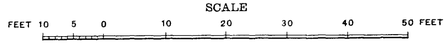
HARAPPA

AREA G

PLANS AND SECTIONS OF

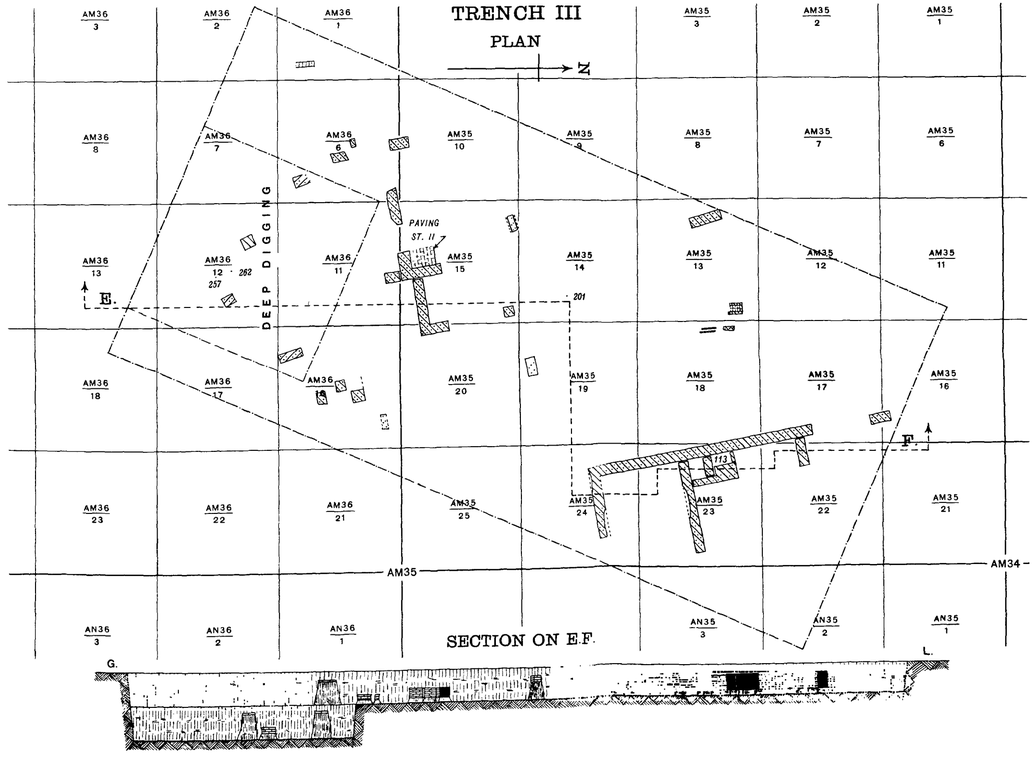
TRENCHES I, II AND III

SCALE



TRENCH III

PLAN



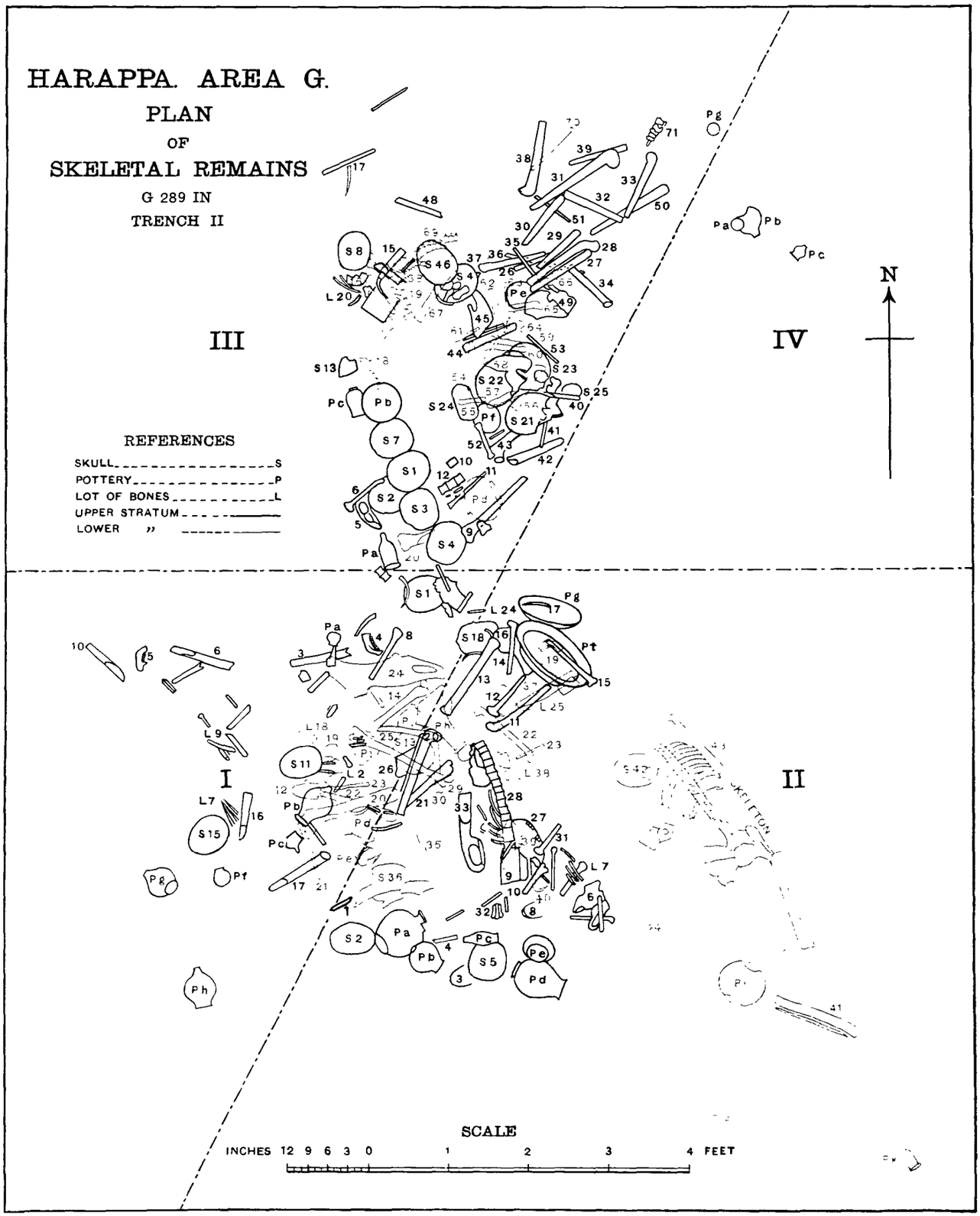
SECTION ON E.F.

REFERENCES

STRATUM I — STRATUM III

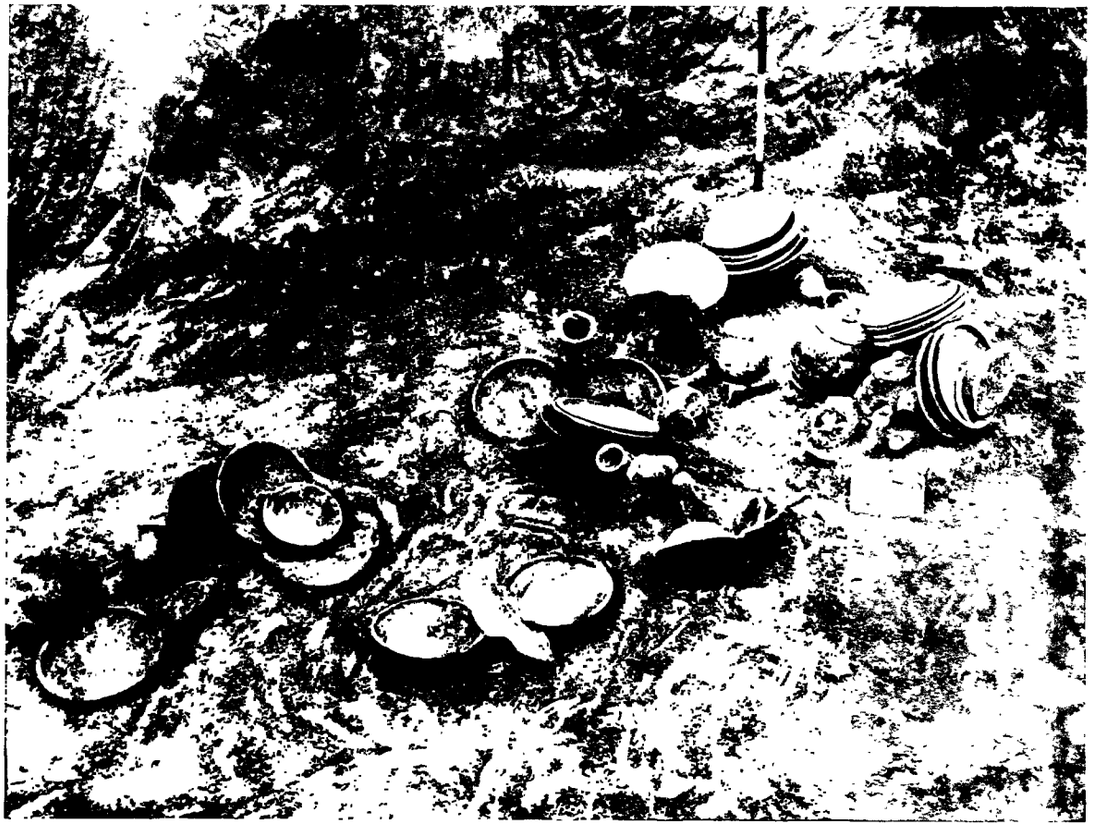
DO II — DO IV

ST = STRATUM


HARAPPA. AREA G.
PLAN
OF
SKELETAL REMAINS
G 289 IN
TRENCH II
III
IV
I
II
N
REFERENCES
SKULL S
POTTERY P
LOT OF BONES L
UPPER STRATUM
LOWER ,,
SCALE
INCHES 12 9 6 3 0 1 2 3 4 FEET



(*a*) PARTIAL VIEW OF THE SKELETAL REMAINS NO. G 289, FROM SOUTH-EAST.



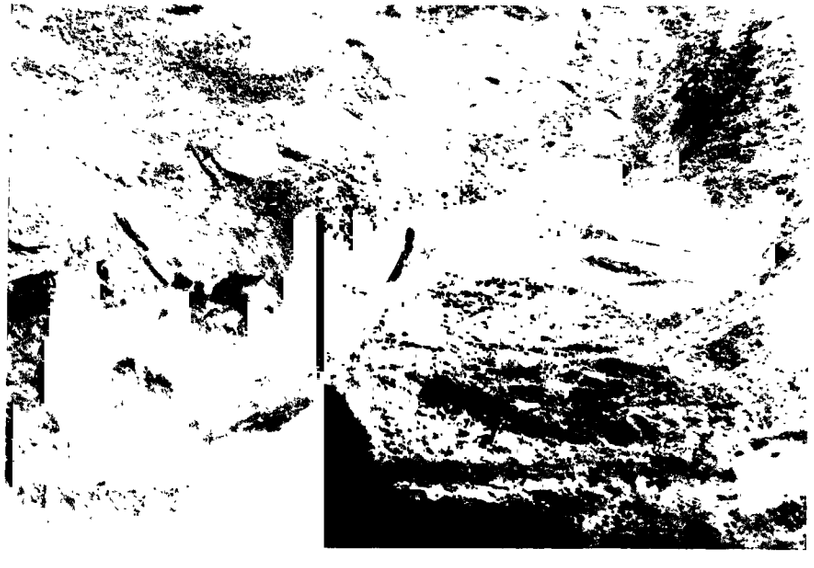
(*b*) POTTERY GROUP NO. G 130 *in situ*.



(*a*) POTTERY GROUP NO. G 15 *in situ*.



(*b*) PARTIAL VIEW OF SKELETAL REMAINS NO. G 289 SHOWING SKULLS S21, S22, S23 AND S46, ETC., PACKED TOGETHER IN DIVISION III, FROM EAST.



(*c*) PARTIAL VIEW OF SKELETAL REMAINS NO. G 289 SHOWING SKULLS S1 TO S4 WITH FOOD PLATES, ETC., IN DIVISION III, FROM WEST.



(*d*) PARTIAL VIEW OF SKELETAL REMAINS NO. G 289 WITH SOME ANIMAL AND HUMAN BONES IN DIVISION III, FROM SOUTH-EAST.

HARAPPA

CEMETERY H

EASTERN SECTION

SCALE

FEET 5 0 5 10 15 20 FEET

N

REFERENCES

STRATUM I

DO II

N B. All numbers except 7435a-g and 3934a-d should be read by prefixing H Thus 306a=H 306a, etc.

Limit of original trial trench is shown by dotted line

Pocket of potsherds

TERRA COTTA NODULES

SOFT EARTH

FT EARTH

DEEP DIGGING

BOVINE BONES

Skeleton

Animal Bones

Skull

Human Bones

Skeletons

HARAPPA CEMETERY H

EASTERN SECTION

SECTION ON A B
SHOWING
TWO STRATA OF BURIALS

SCALE
Inches 12 9 6 3 0 1 2 3 4 5 Feet

N B. Pots coming behind others are shown dotted

A
Ground Level
Datum Line

155
SKULL
307 a

154 b
154 a
154 c
154 d
153 a
153 d
153 c
153 b
153 e
230
Ground Level
Datum Line
5"

Ground Level
Datum Line
152a
5"
152b
SKULL
306a
306b
306c

7435g
206f
7435f
206 e
206a
206i
435d
206d
7435e
206c
7435c
169
7435b
206j
169
SKULL
488
508
SKULL
486a
486b
486 b
486b
486 b
486b
7435a
206g
229
206h
206k
250
206b
506
487c
487d
487b
487a
SKULL
696
696a
696b
Ground Level
Datum Line
166
167
4"
697a
697b
697d
697c
484d
697e
697
SKULL
484b
484a
SKULL
484f
484f
SKULL
485

Ground Level
Datum Line
168
251
4"
505
252
148b
148a
151b
151a
148d
148e
148c
235
186
150
148f
149
147
SKULL
710
234a
190
157d
504
157b
157a
157c
157c
234b
SKULL
698a
698
698b
698d
698e
698c
698d
484c
231g
164
184a
184d
184g
184c
SKULL
184k
184f
184g
184b
501b
SKULL
501a
501e
501d
501c
184j
184g
184e
SKULL
695
184n
184m
156
231f
231f
231a
SKULL
88
512
231e
231d
231e
91b
91a
502a
502b
502a
502e
502d
502c
502c
SKULL
502 g
231b
231c
B
Ground Level
Datum Line
231h
165a
165b



(*a*) POT-BURIALS OF STRATUM I, PANORAMIC VIEW, FROM EAST.



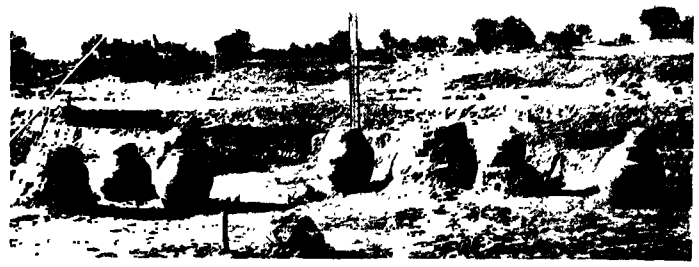
(*b*) EARTH-BURIALS OF STRATUM II, PANORAMIC VIEW, FROM WEST.



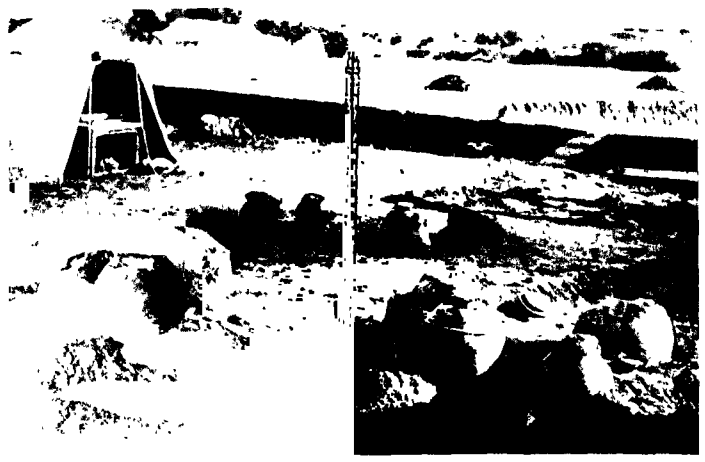
(*a*) WESTERN PART SHOWING POT-BURIALS OF STRATUM I, FROM NORTH.



(*b*) EASTERN EXTENSION SHOWING POT-BURIALS OF STRATUM I, FROM NORTH-EAST.



(*c*) GROUP OF POT-BURIALS NO. H 206 A TO K, FROM EAST.



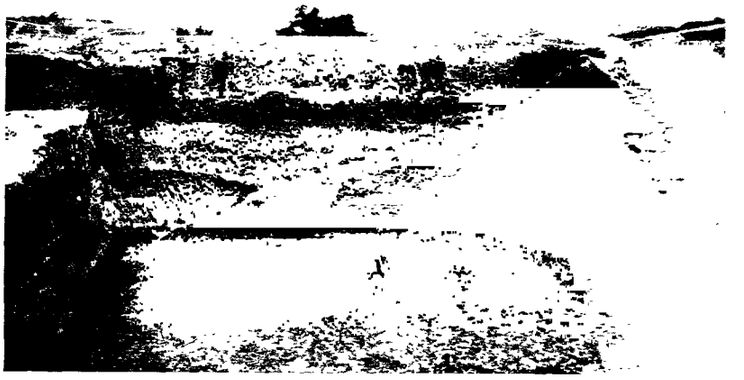
(*d*) GROUPS OF POT-BURIALS NOS. H 151 TO H 154, FROM NORTH-WEST.



(*e*) GROUP OF POT-BURIALS NO. 7435 A TO G, FROM SOUTH-EAST.



(*a*) CENTRAL PORTION SHOWING BURIAL POTTERY OF STRATA I AND II, FROM SOUTH-EAST.



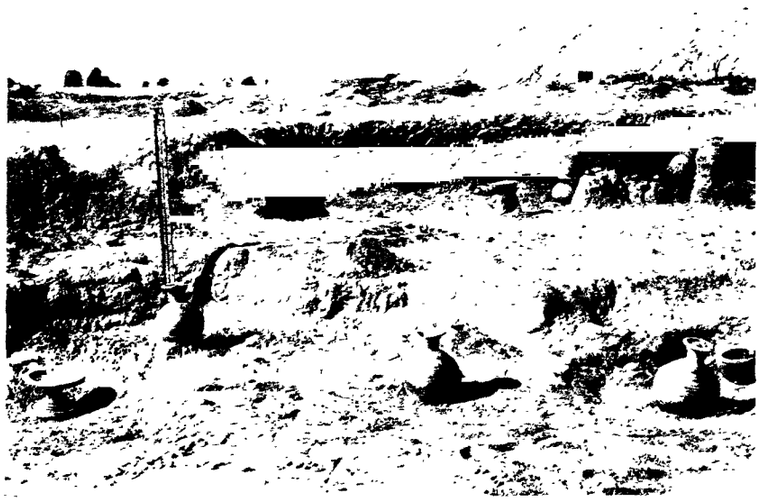
(*b*) DEEP DIGGING AT THE NORTH-EAST CORNER SHOWING RIVER SILT AND POCKETS OF RUBBISH, LOOKING NORTH.



(*c*) BURIAL POTTERY OF STRATUM II, FROM SOUTH.



(*d*) GROUP OF POT-BURIALS NO. H 231, FROM WEST.



(*e*) BURIAL POTTERY OF STRATA I AND II IN SQUARES R 33/25 AND R 34/21, FROM NORTH-EAST.



(*f*) EARTH-BURIAL NO. H 184, ETC., FROM NORTH.

HARAPPA

CEMETERY H

SCALE

FEET 5 0 5 10 15 20 FEET

N

REFERENCES

STRATUM I

DO II

N B All numbers should be read by prefixing H Thus 255a=H 255a, etc

WESTERN SECTION

EXTENSION OF WESTERN SECTION

Potsherds

Edging of

Animal Bones

Skull

Skeleton

2i-0"

E F G H

Q34 Q33

R33

HARAPPA CEMETERY H

PLATE XLIX.

SCALE

Inches 12 9 6 3 0 1 2 3 4 5 Feet

E

Ground Level

Datum Line

WESTERN SECTION
SECTION ON E.F
SHOWING
POT BURIALS ONLY

346b 346a 249 13-11 246i 246h 246e 246d 246g 246f 246b 246c 246a 247b 245f 247a 245g 245e 245b 245d 245c 245a 248a

Ground Level

Datum Line

2-8

3-9

368 441d 441c 441c 441b 441a

F

Ground Level

Datum Line

Ground Level

Datum Line

344 7-9 35-9 342a 343 256 17-4 254 253a 253b 263 255a 255b

G

Ground Level

Datum Line

EXTENSION
OF
THE WESTERN SECTION
SECTION ON G.H
SHOWING
TWO STRATA OF BURIALS

682 680 683 672 676 685 684 675 677 678 673 674 679

SKULL 707 709 SKULL 699 SKULL 700 c 700a 700b

704a 705 702a 702b 702c 701 703 b 706b 706a

H

Ground Level

681

Datum Line

C

Ground Level

Datum Line

EXTENSION
OF
THE EASTERN SECTION
SECTION ON C.D
SHOWING
POT BURIALS ONLY

622 623 621 620b 620a 625 624 626

D

Ground Level

Datum Line

616 617 615 619 614 618

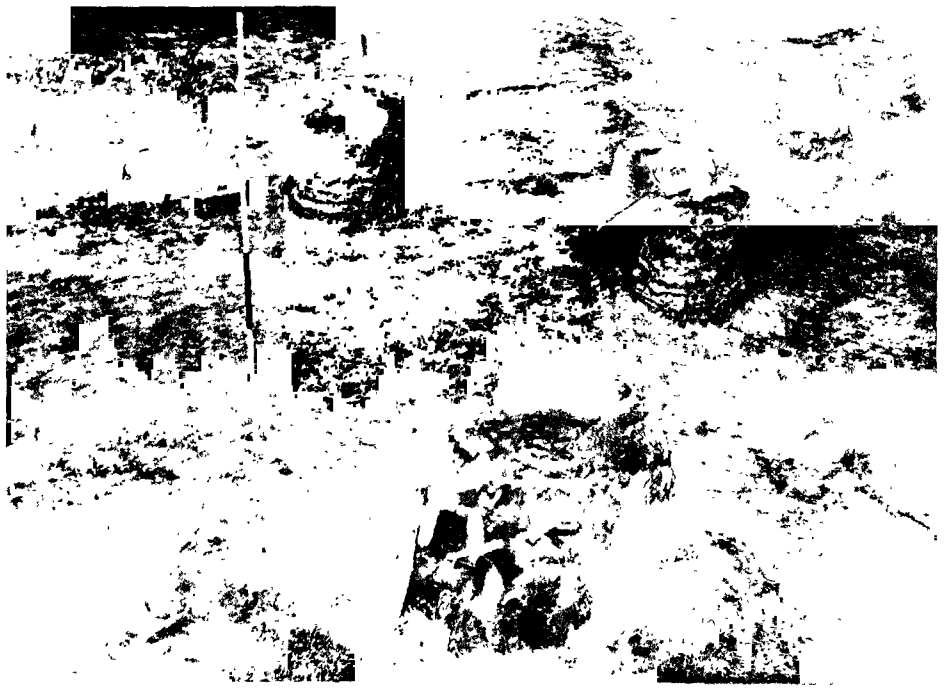
N.B. Pots coming behind others are shown dotted



(*a*) EXTENSION OF WESTERN SECTION. POT-BURIALS OF STRATUM I, GENERAL VIEW, FROM EAST.



(*b*) EXTENSION OF WESTERN SECTION. FRACTIONAL BURIALS OF STRATUM II, GENERAL VIEW, FROM EAST.



(*c*) EXTENSION OF WESTERN SECTION. DETAIL VIEW OF SOME FRACTIONAL BURIALS OF STRATUM II, FROM SOUTH.



(*d*) WESTERN SECTION. POT-BURIALS NOS. H. 243 TO H. 248 CRUSHED BY THE IMPACT OF CART TRAFFIC, FROM SOUTH-WEST.



(*a*) BURIAL NO. H 696.



(*b*) BURIAL NO. H 710.



(*c*) BURIAL NO. H 695.



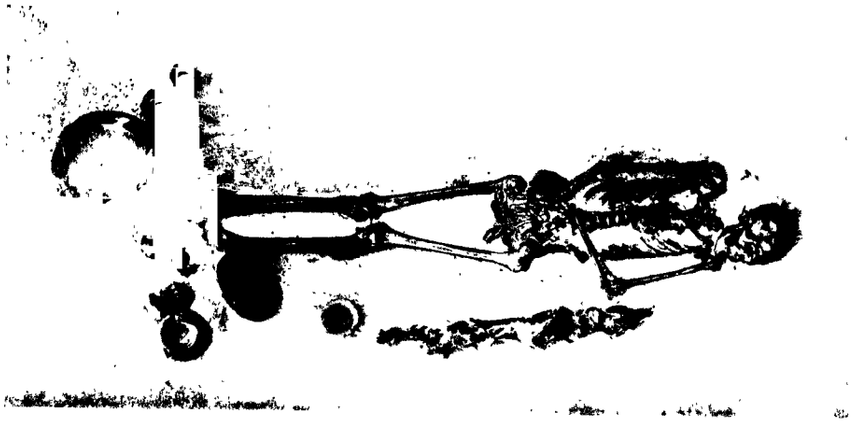
(*d*) BURIAL NO. H 699.



(*e*) BURIAL NO. H 485.



(*f*) BURIAL NO. H 488.



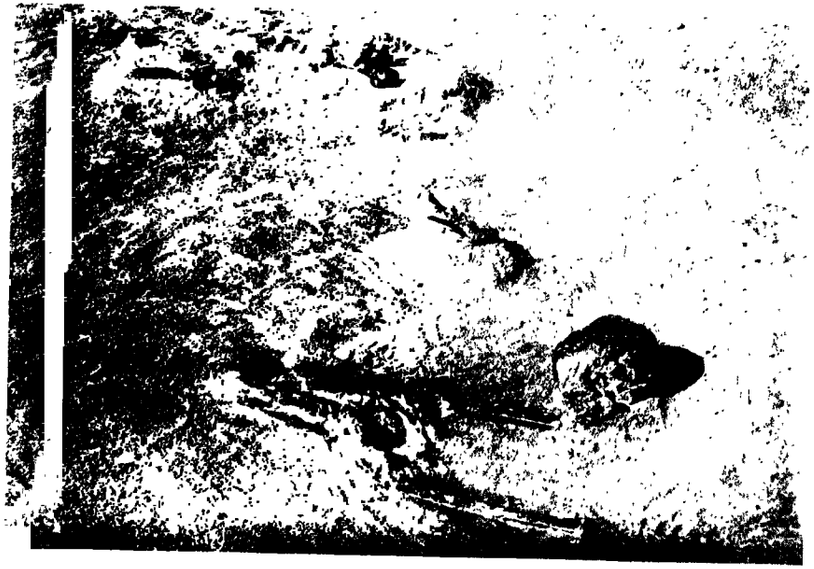
(*a*) BURIAL NO. H 698
WITH A SACRIFICED GOAT
TO RIGHT.



(*b*) BURIAL NO. H 306.



(*c*) BURIAL NO. H 184.



(*d*) BURIAL NO. H 307.



(*a*) BURIAL NO. H 484.



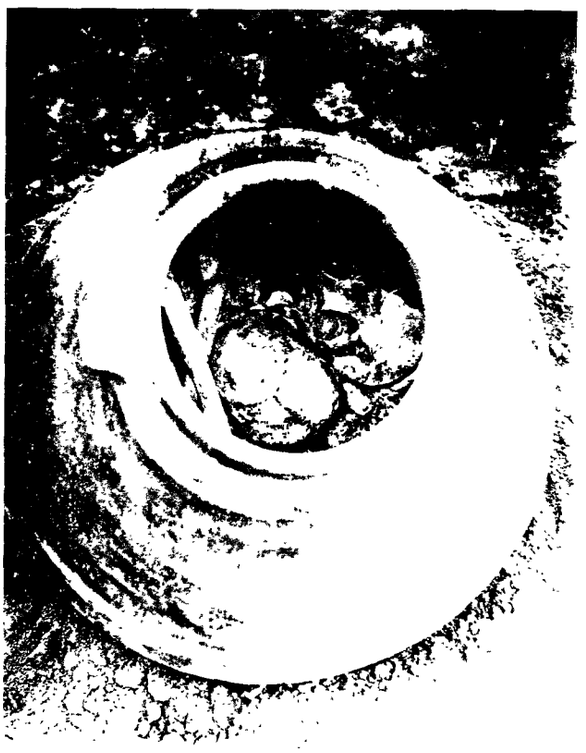
(*b*) BURIAL NO. H 501.



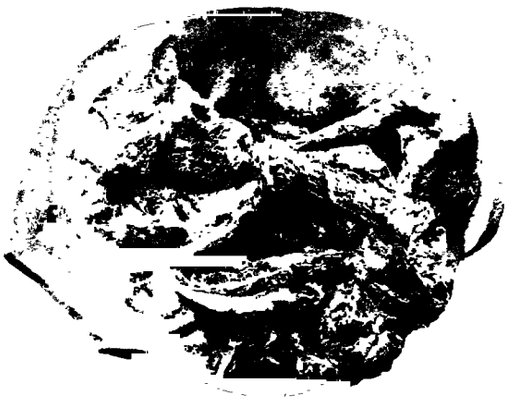
(*c*) BURIAL NO. H 502.



(*d*) BURIAL NO. H 697.



(*a*) CONTENTS OF THE BURIAL-POT NO. H 245*a*.



(*b*) CONTENTS OF THE BURIAL-POT NO. H 249.



(*c*) CONTENTS OF THE BURIAL-POT NO. H 61.



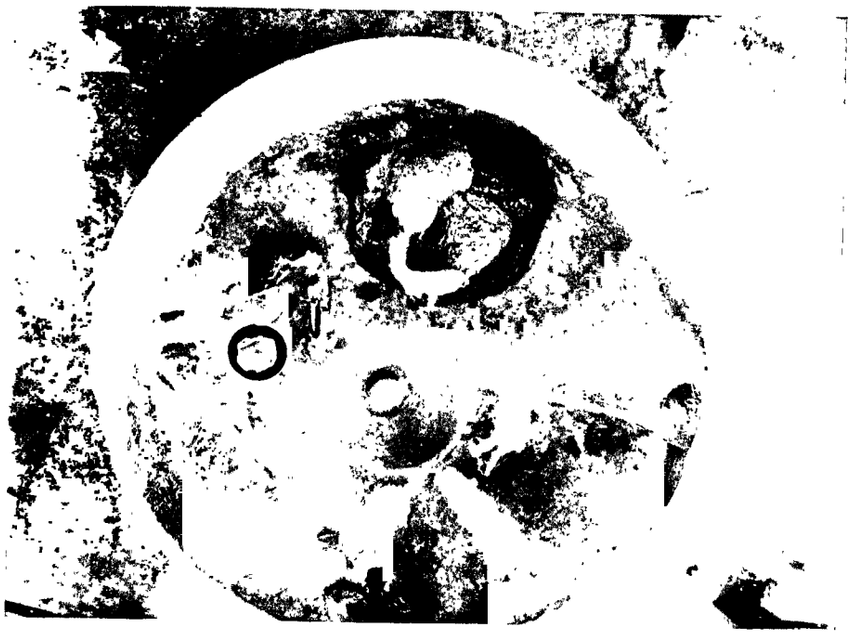
(*d*) CONTENTS OF THE BURIAL-POT NO. H 206*a*.



(*e*) CONTENTS OF THE BURIAL-POT NO. H 231.



(*a*) BURIAL-POT NO. H 231 CONTAINING ONLY A CHILD'S SKULL.



(*b*) CONTENTS OF THE BURIAL-POT NO. H 154*a* ALSO SHOWING A NARROW-NECKED VASE.



(*c*) BURIAL-POT NO. H 245 CONTAINING ONLY A PART OF A LOWER LEG.



(*d*) BURIAL-POT NO. H 153 CONTAINING ONLY A CHILD'S SKULL.



(*e*) POT-BURIAL NO. H 83 SHOWING A BABY IN EMBRYONIC POSITION.



(*a*) POT-BURIAL NO. H165A CONTAINING A BABY IN EMBRYONIC POSITION.



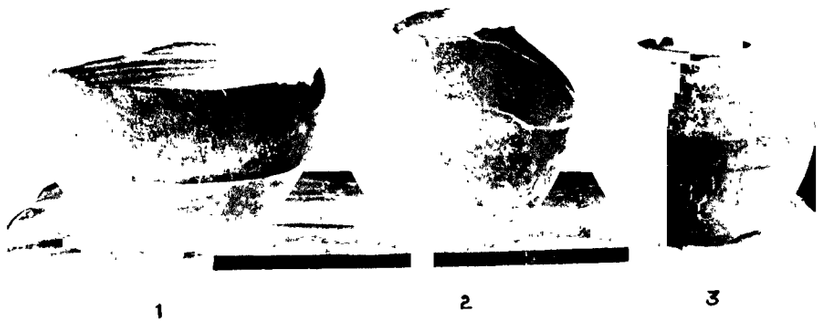
(*b*) POT-BURIAL NO. H622 CONTAINING A BABY IN EMBRYONIC POSITION.



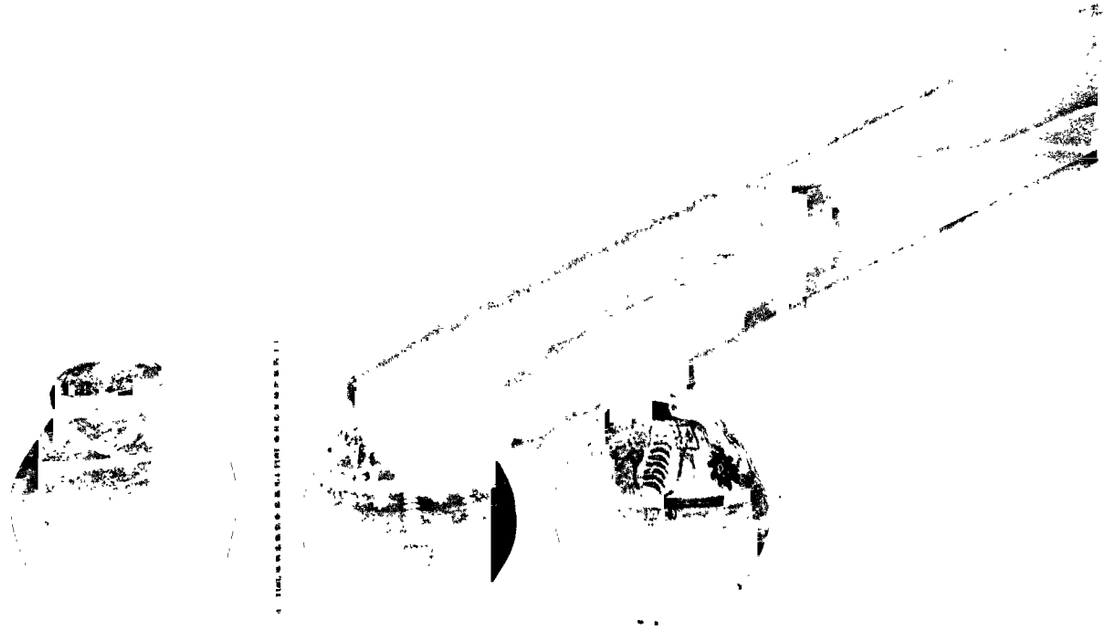
(*c*) POT-BURIAL NO. H679 CONTAINING A BABY IN EMBRYONIC POSITION.



(*d*) POT-BURIAL NO. H148A CONTAINING A BABY IN EMBRYONIC POSITION.



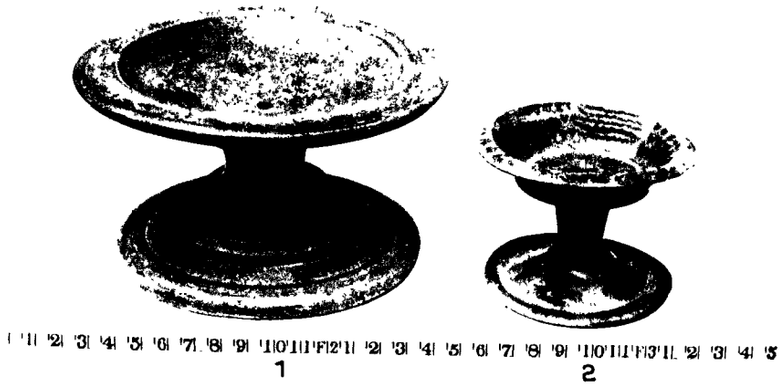
(*a*) THE FIRST POT-BURIALS NO. 3934 A TO C.



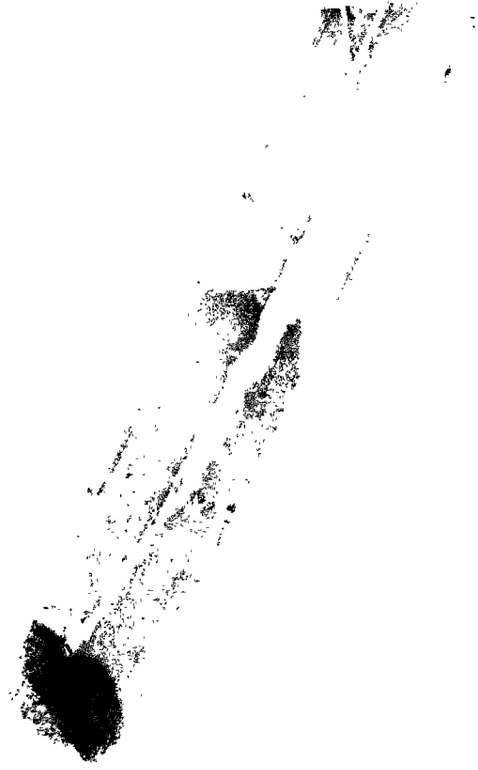
(*b*) POT-BURIALS NOS. H 206 *a* AND *b* AND H 245 *k* PAINTED WITH MYTHOLOGICAL SCENES.



(*c*) TYPES OF BURIAL JARS WHICH CONTAINED BABIES IN EMBRYONIC POSITION.



(*d*) TYPES OF BURIAL FOOD-PLATES FROM STRATUM II.



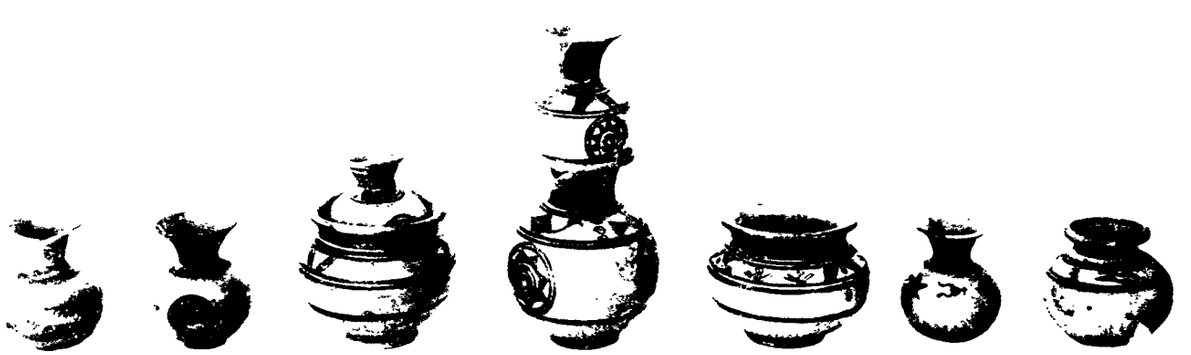


(*a*) AREA G, TRENCH III. GENERAL VIEW FROM SOUTH.



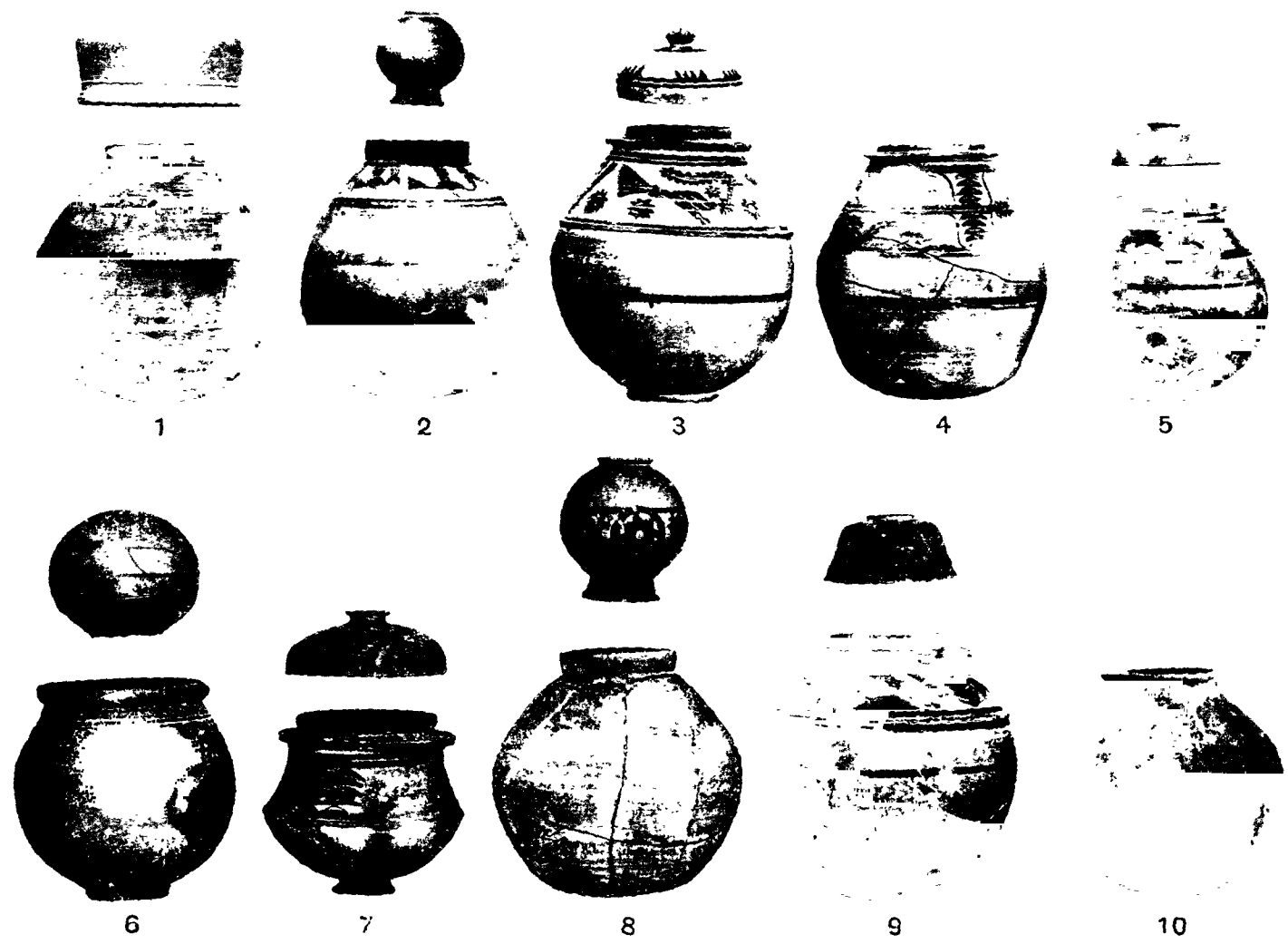
1 2 3 4 5 6 7 8 9

(*b*) CEMETERY H. FLASKS, ETC., MOSTLY OF STRATUM II.



1 2 3 4 5 6 7

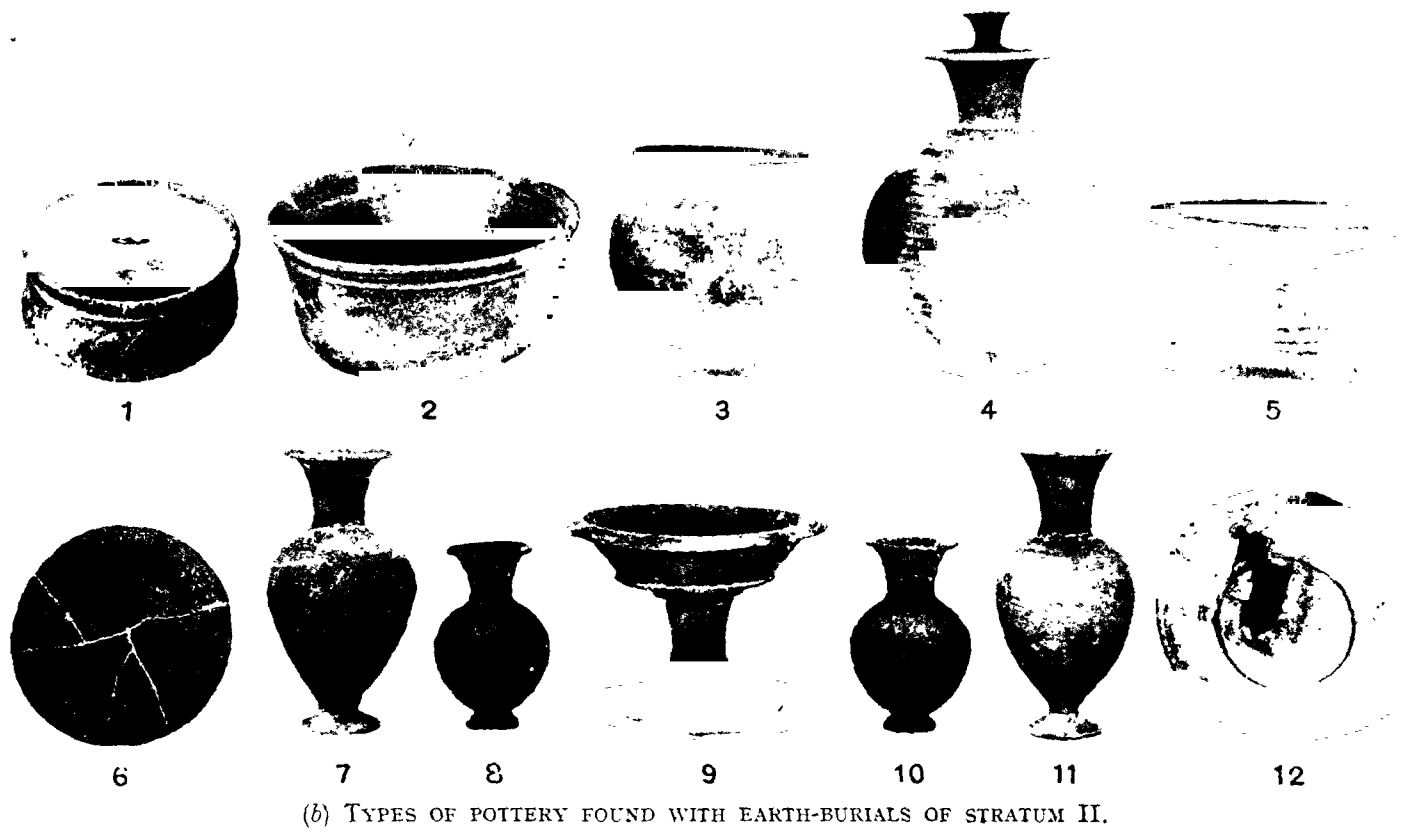
(*c*) CEMETERY H. POTTERY OF STRATUM II.



1 2 3 4 5

6 7 8 9 10

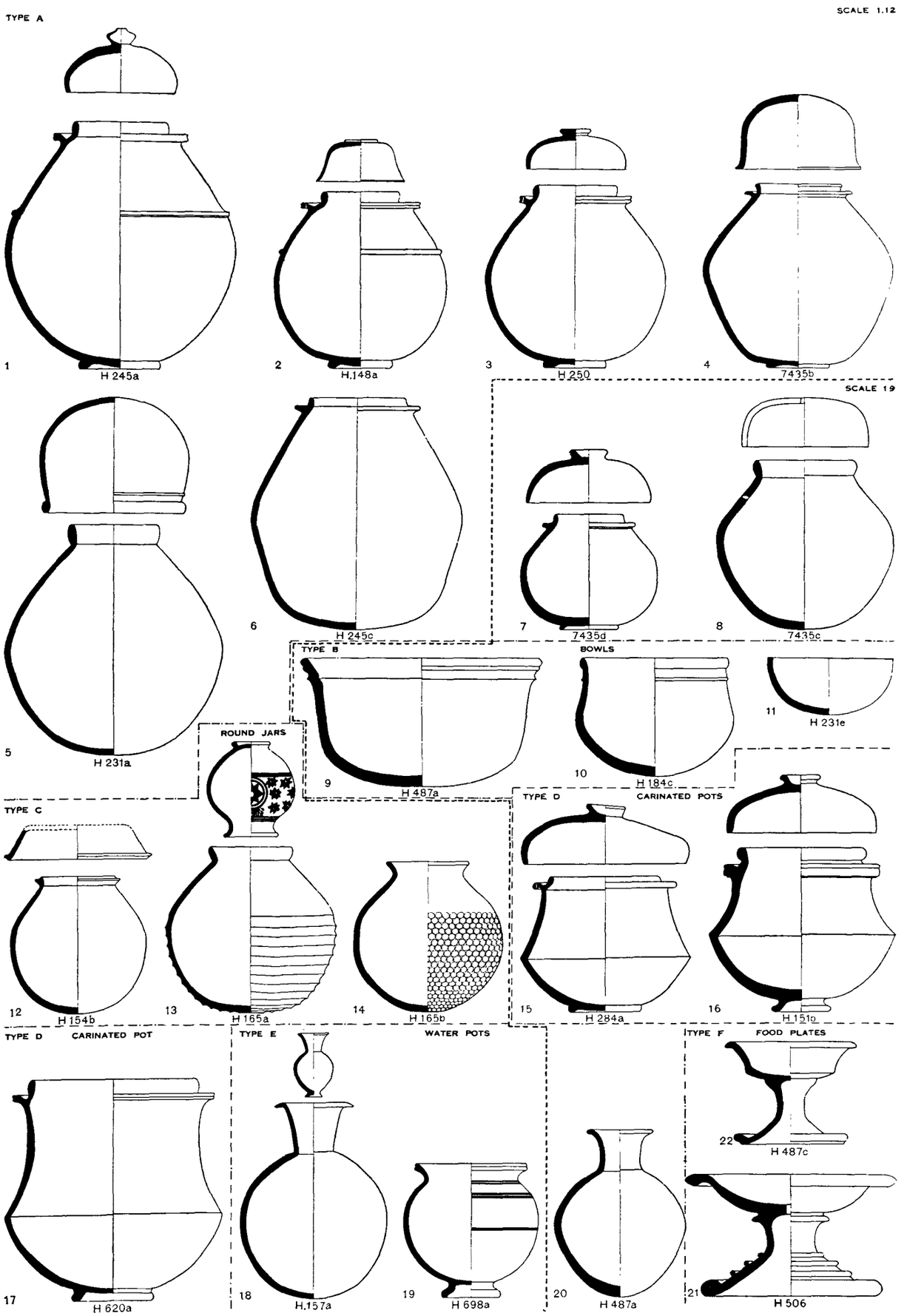
(*a*) TYPES OF BURIAL-POTS OF STRATUM I WITH THEIR COVERS.



1 2 3 4 5

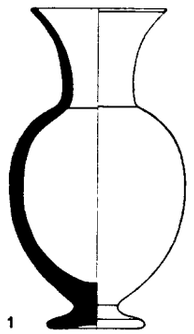
6 7 8 9 10 11 12

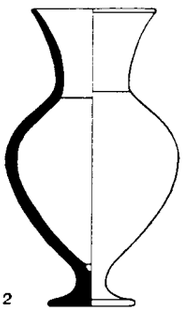
(*b*) TYPES OF POTTERY FOUND WITH EARTH-BURIALS OF STRATUM II.

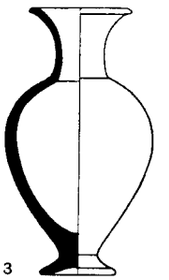

TYPE A
SCALE 1.12
1
H 245a
2
H.148a
3
H 250
4
7435b
SCALE 1.9
5
H 231a
6
H 245c
7
7435d
8
7435c
TYPE B BOWLS
9
H 487a
10
H 184c
11
H 231e
ROUND JARS
TYPE C
12
H 154b
13
H 165a
14
H 165b
TYPE D CARINATED POTS
15
H 284a
16
H 151a
TYPE D CARINATED POT
17
H 620a
TYPE E WATER POTS
18
H.157a
19
H 698a
20
H 487a
TYPE F FOOD PLATES
22
H 487c
21
H 506

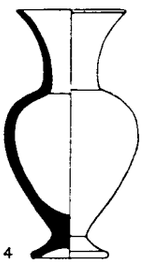
SCALE 1:6

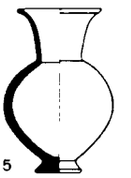
TYPE G


1 H 132

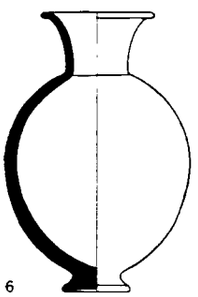

2 H 184b

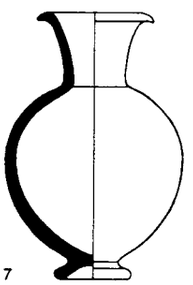

3 H 62a

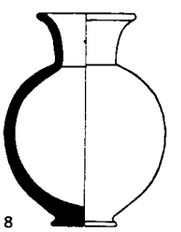

4 H 164

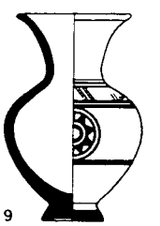

5 H 464c

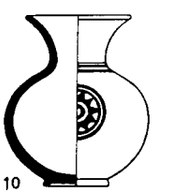
SCALE 1:4


6 H 484c

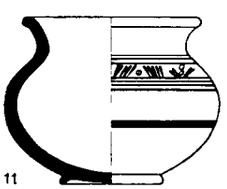

7 H 62b.

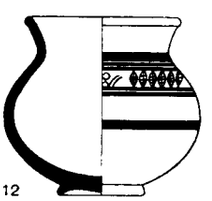

8 H 165a


9 H 706b

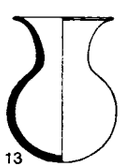

10 H.701

TYPE H WATER POTS

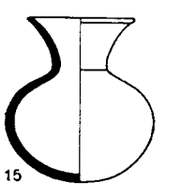

11 H.703


12 H.696a

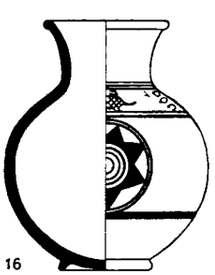
TYPE I ROUND VASES

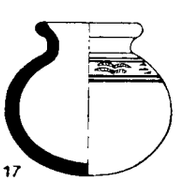

13 H 698e

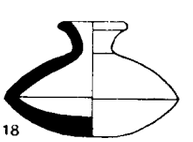

14 H 702c

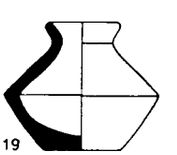

15 H.700b

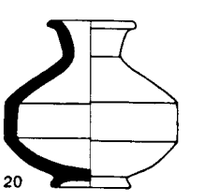
TYPE J MISCELLANEOUS VASES


16 H 706a


17 H 702b

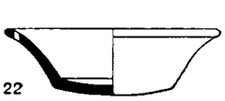

18 H.484b


19 H 231f

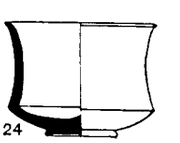

20 H 463

TYPE K SAUCERS


21 H 184h


22 H.63b


23 H 486b

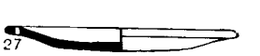

24 H 620c

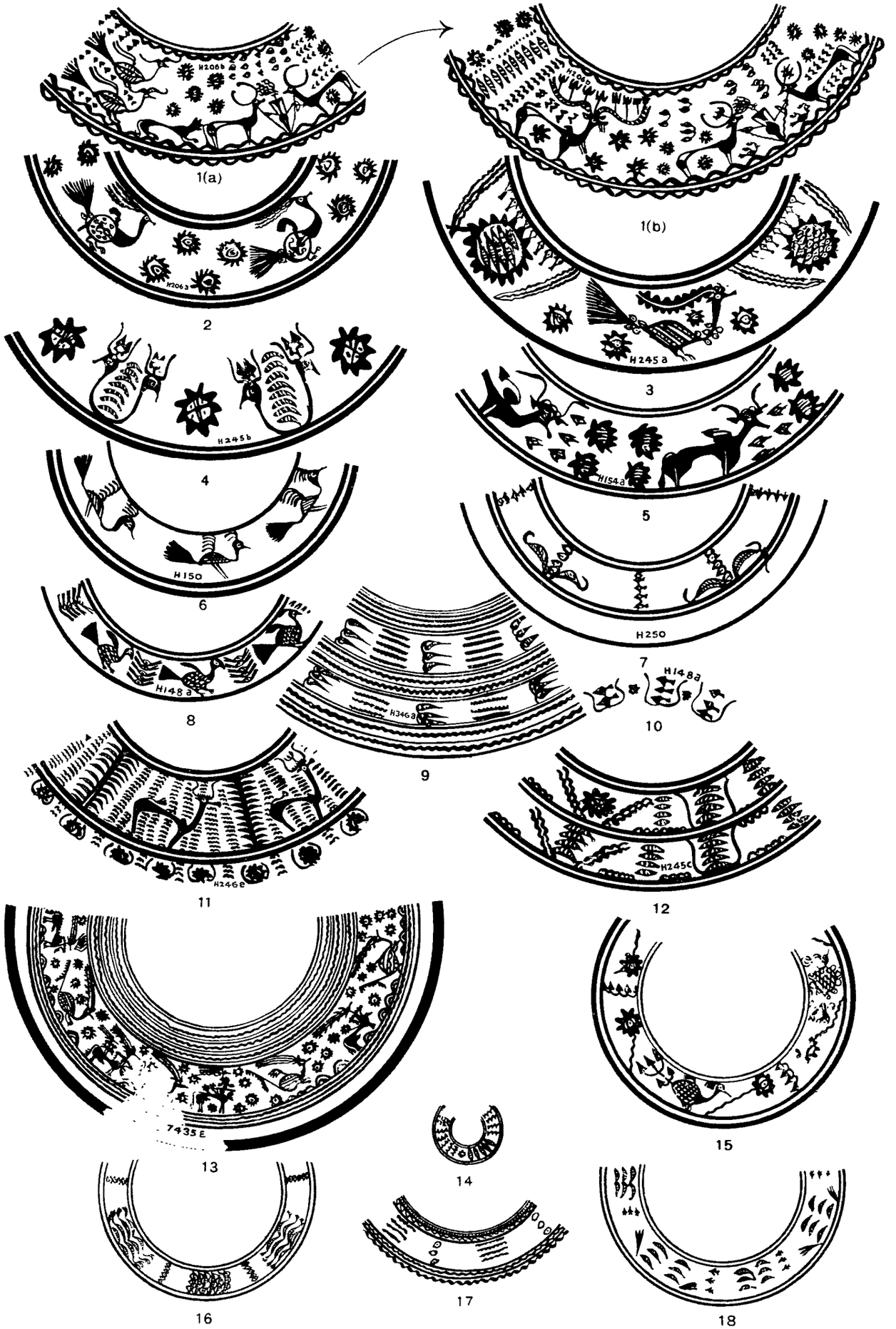
TYPE L PLAIN DISH


25 H 700a

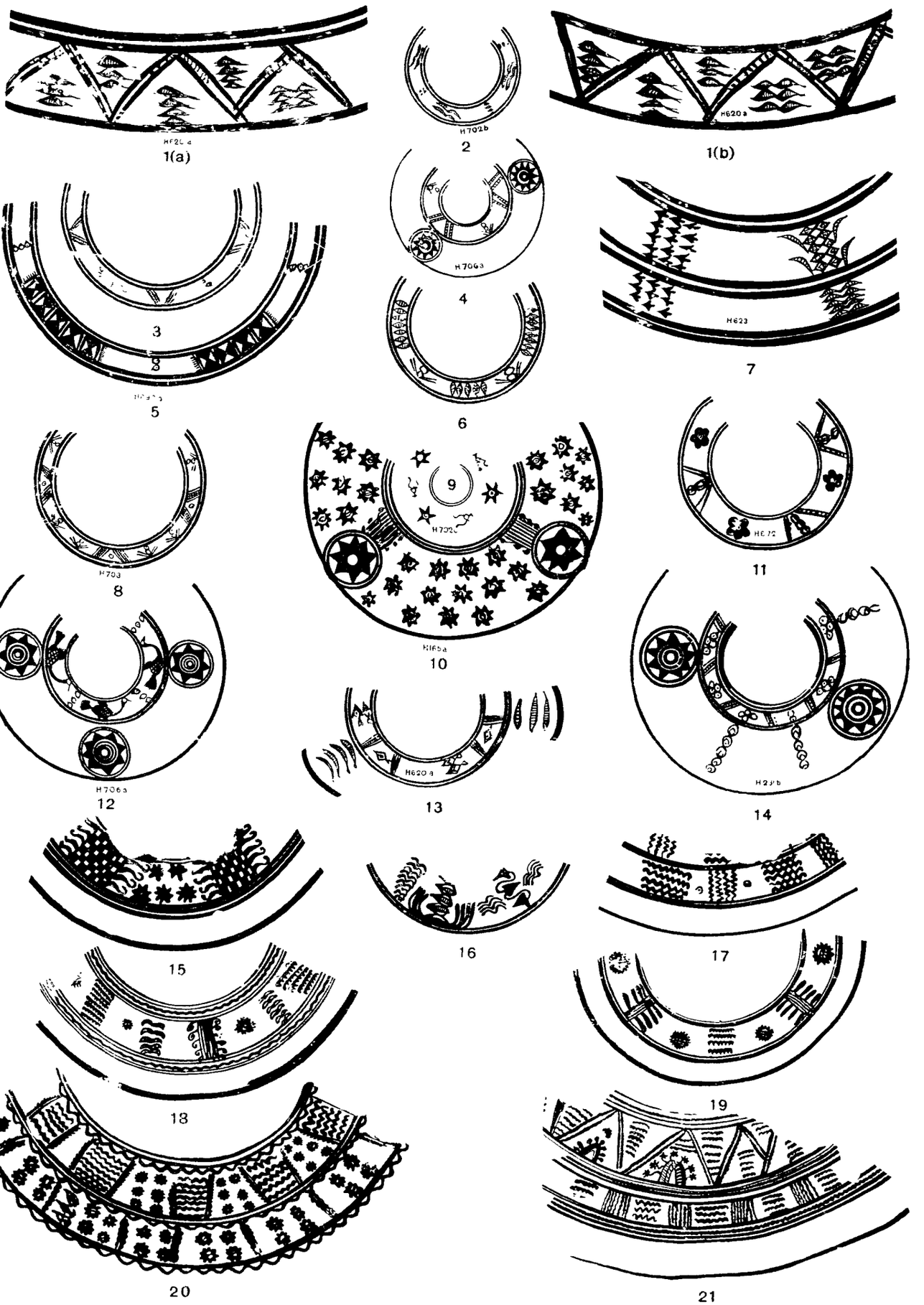
TYPE M FLAT COVERS


26 H 486b

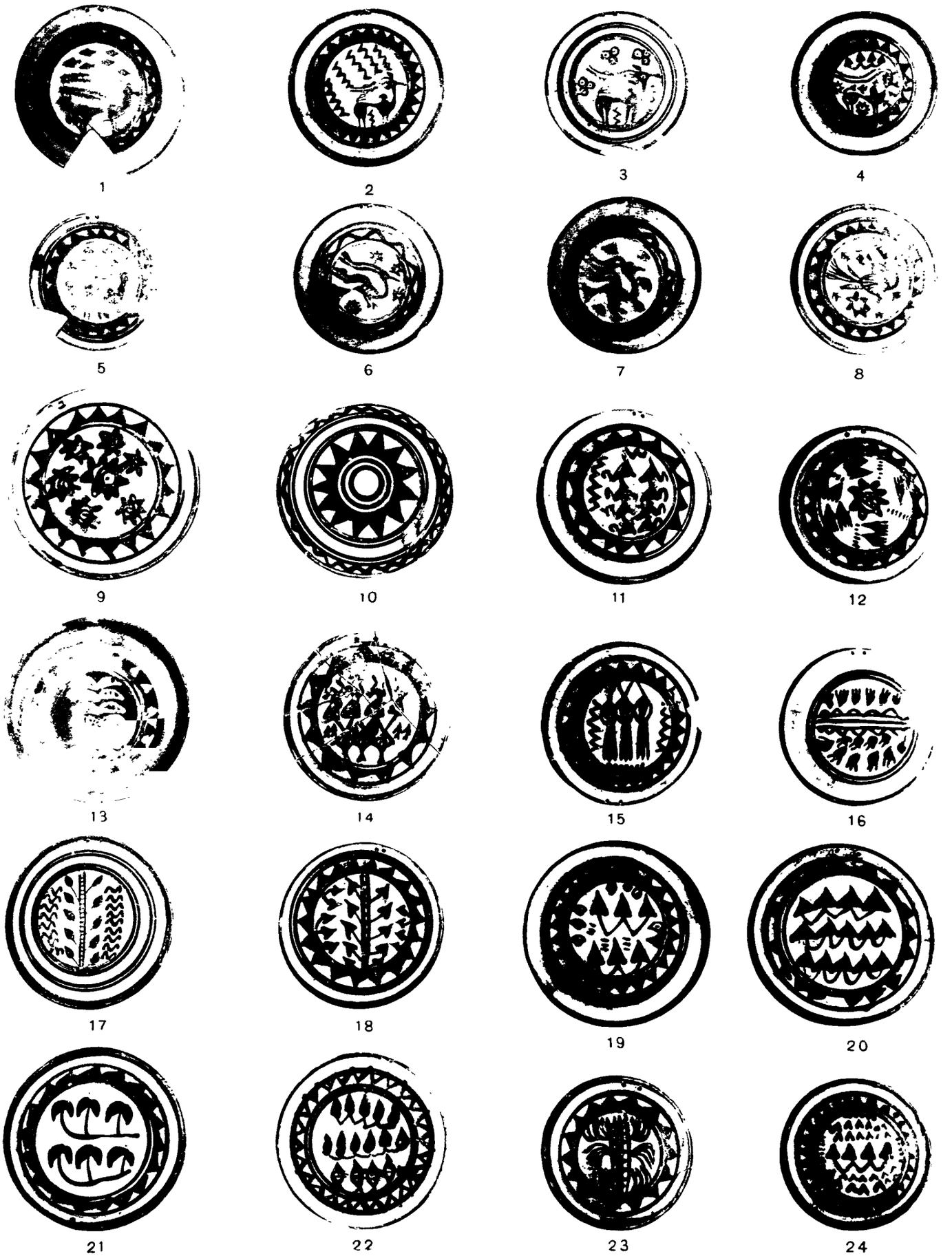

27 H 501c



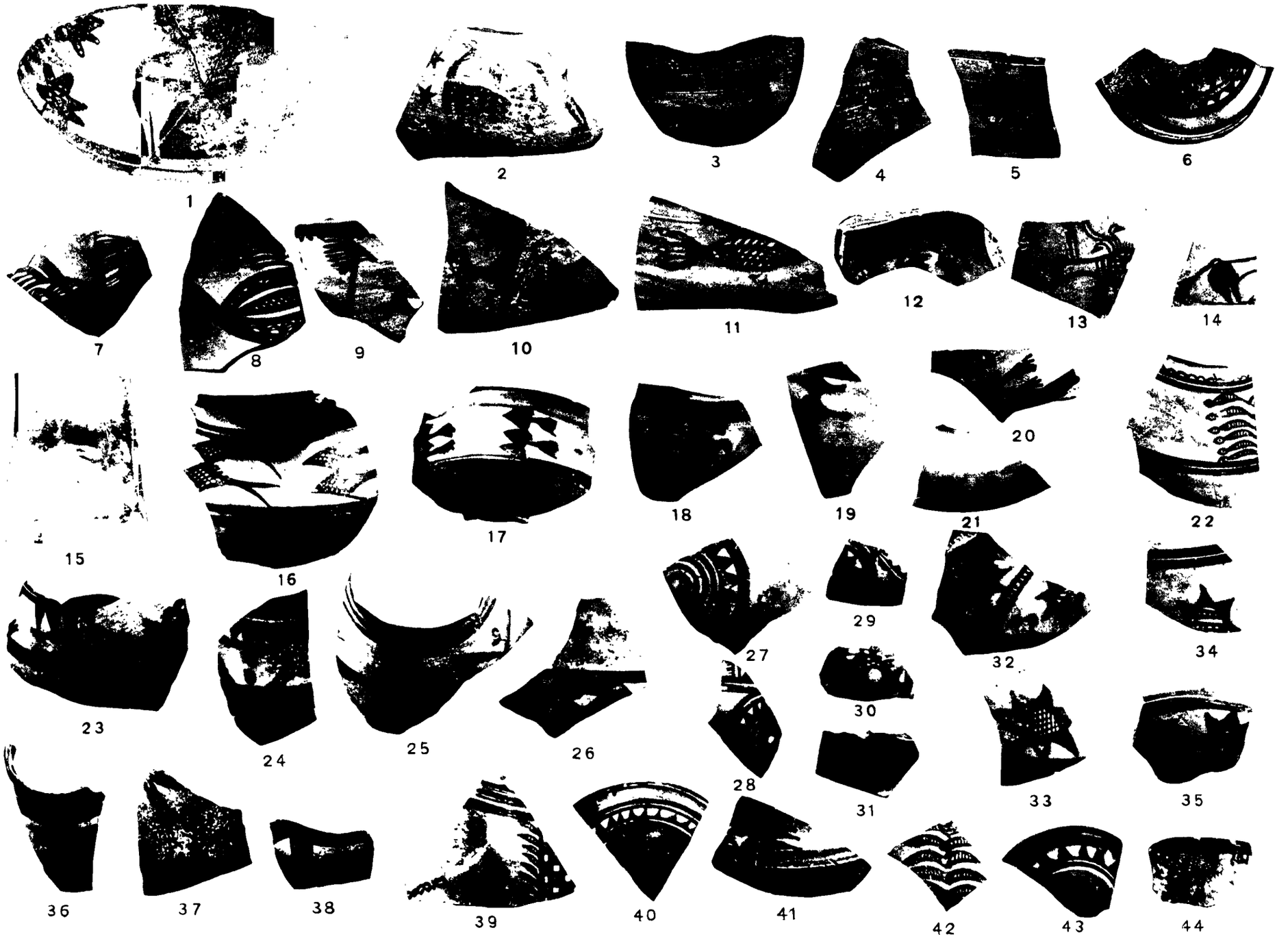
CEMETERY H. PAINTINGS ON BURIAL JARS.



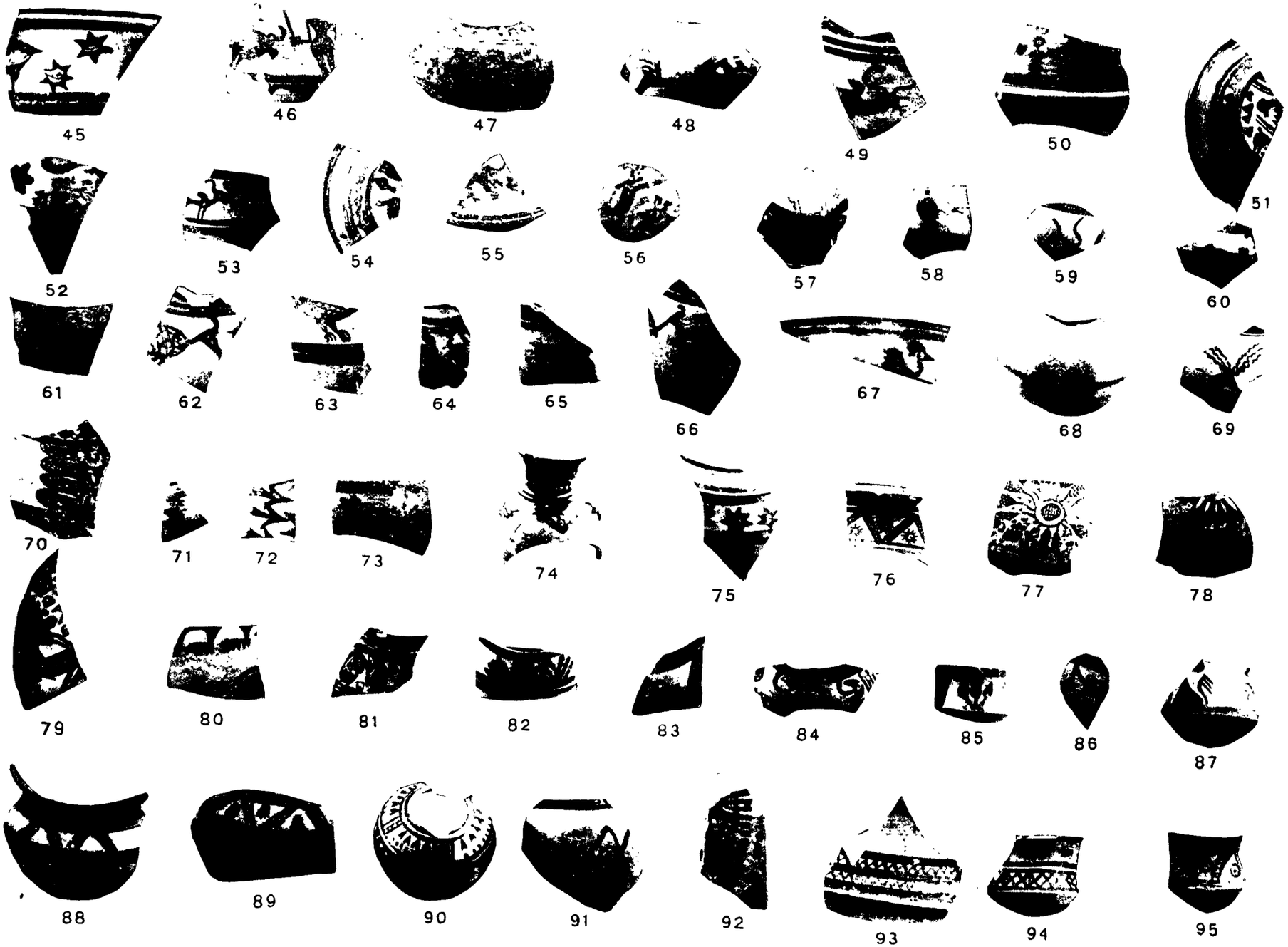
CEMETERY H. PAINTINGS ON BURIAL JARS.



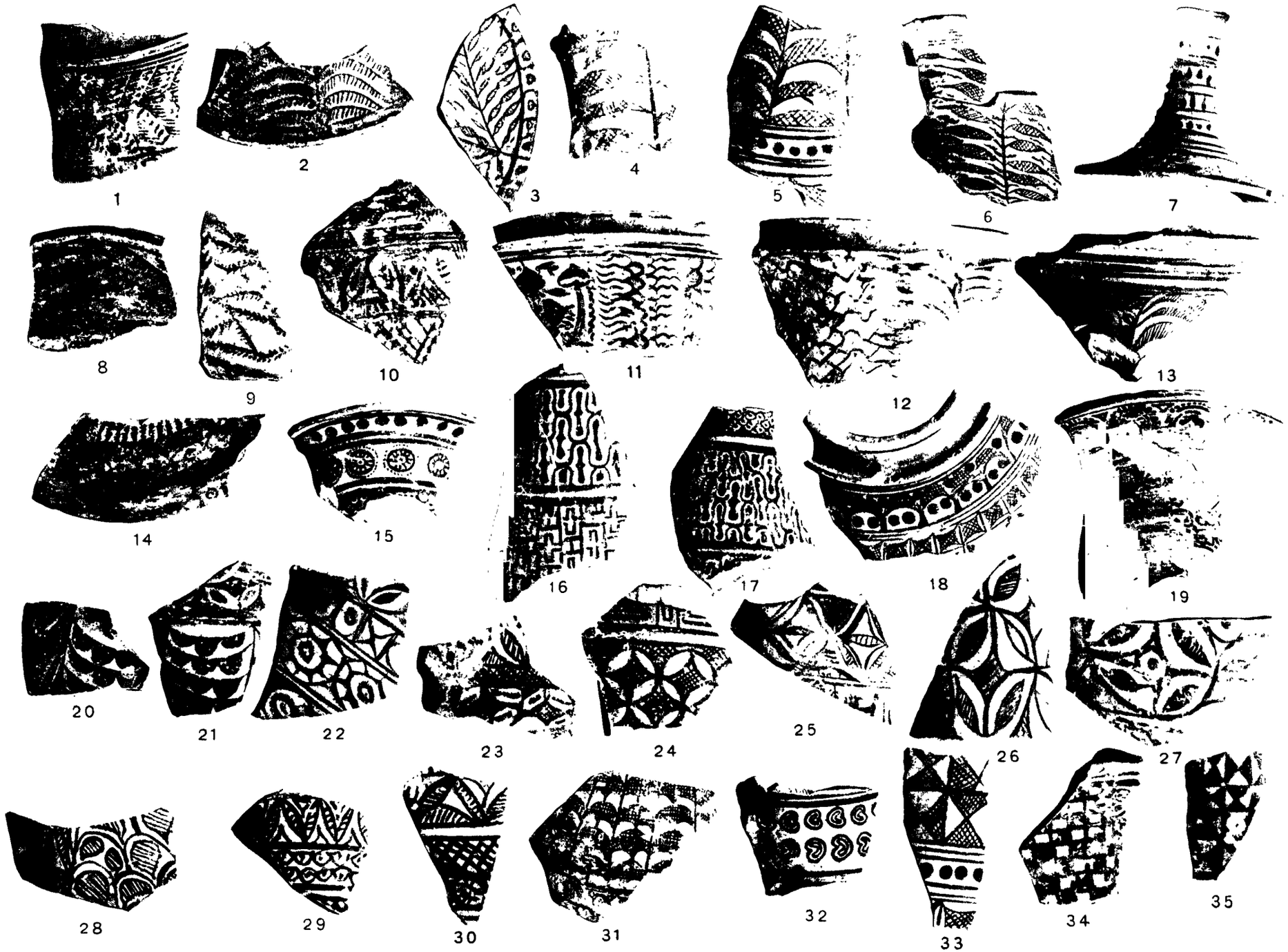
CEMETERY H. PAINTINGS ON THE UNDERSIDE OF FLAT COVERS FROM STRATUM II.



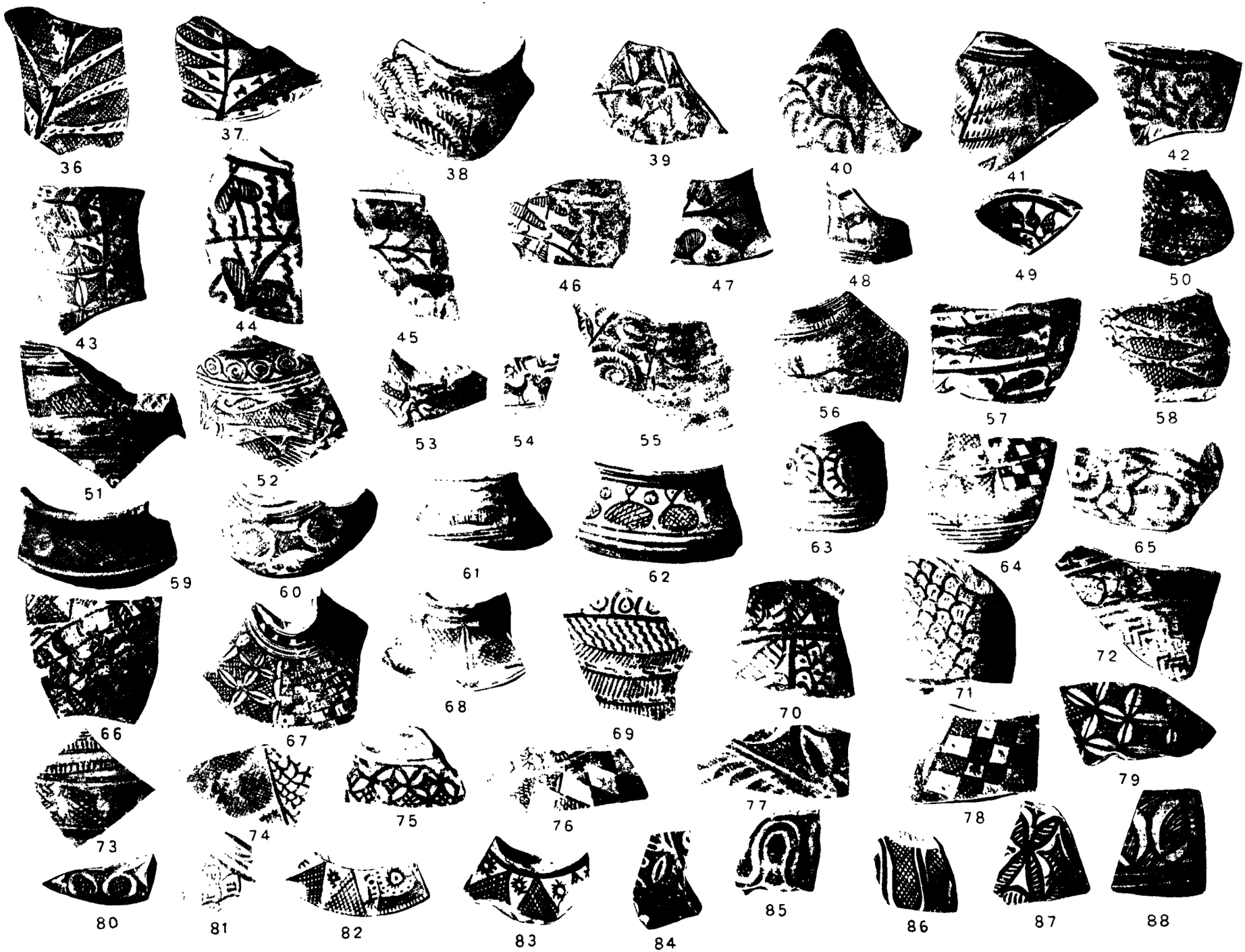
PAINTED SHERDS FROM MOUNDS TYPICAL OF BURIAL POTTERY.



PAINTED SHERDS FROM MOUNDS TYPICAL OF BURIAL POTTERY.



PAINTED SHERDS FROM MOUNDS TYPICAL OF HOUSEHOLD VESSELS.



PAINTED SHERDS FROM MOUNDS TYPICAL OF HOUSEHOLD VESSELS.



1



2



3



4



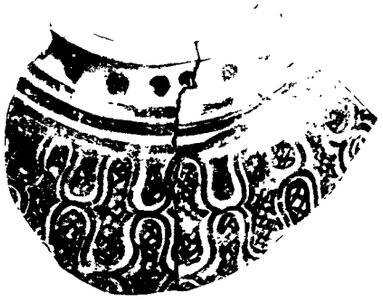
5



6



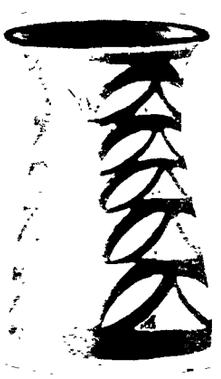
7



8



9



9a



10



11



12



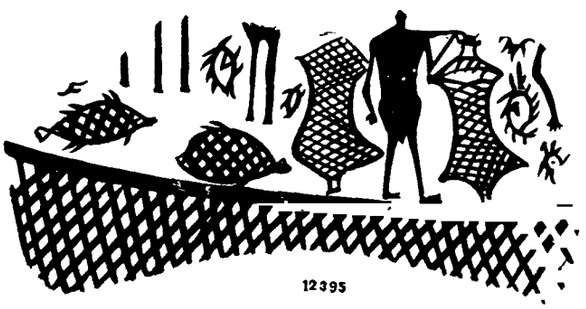
13



14



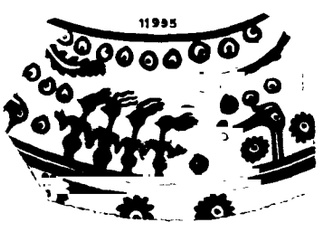
15



16

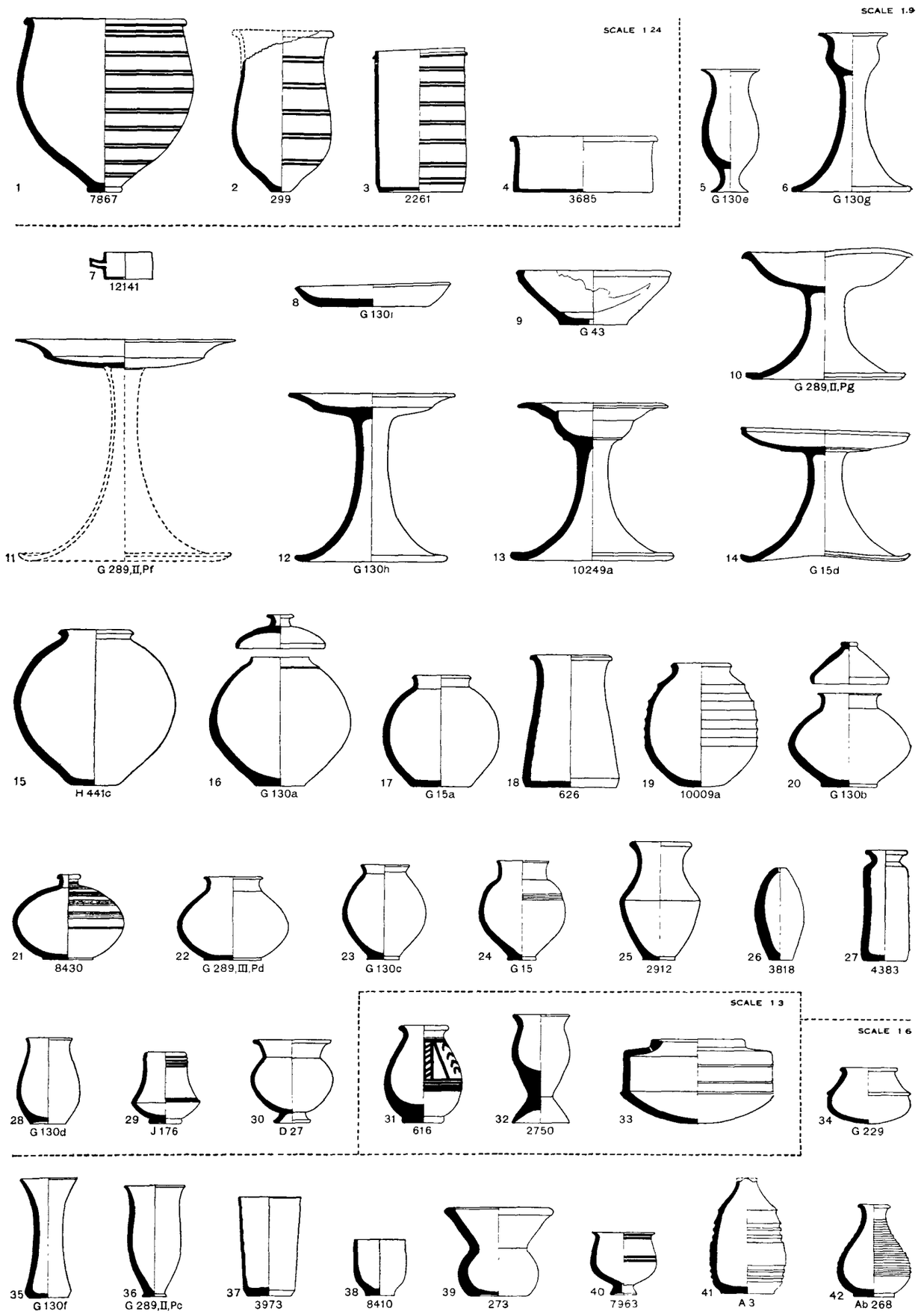


17



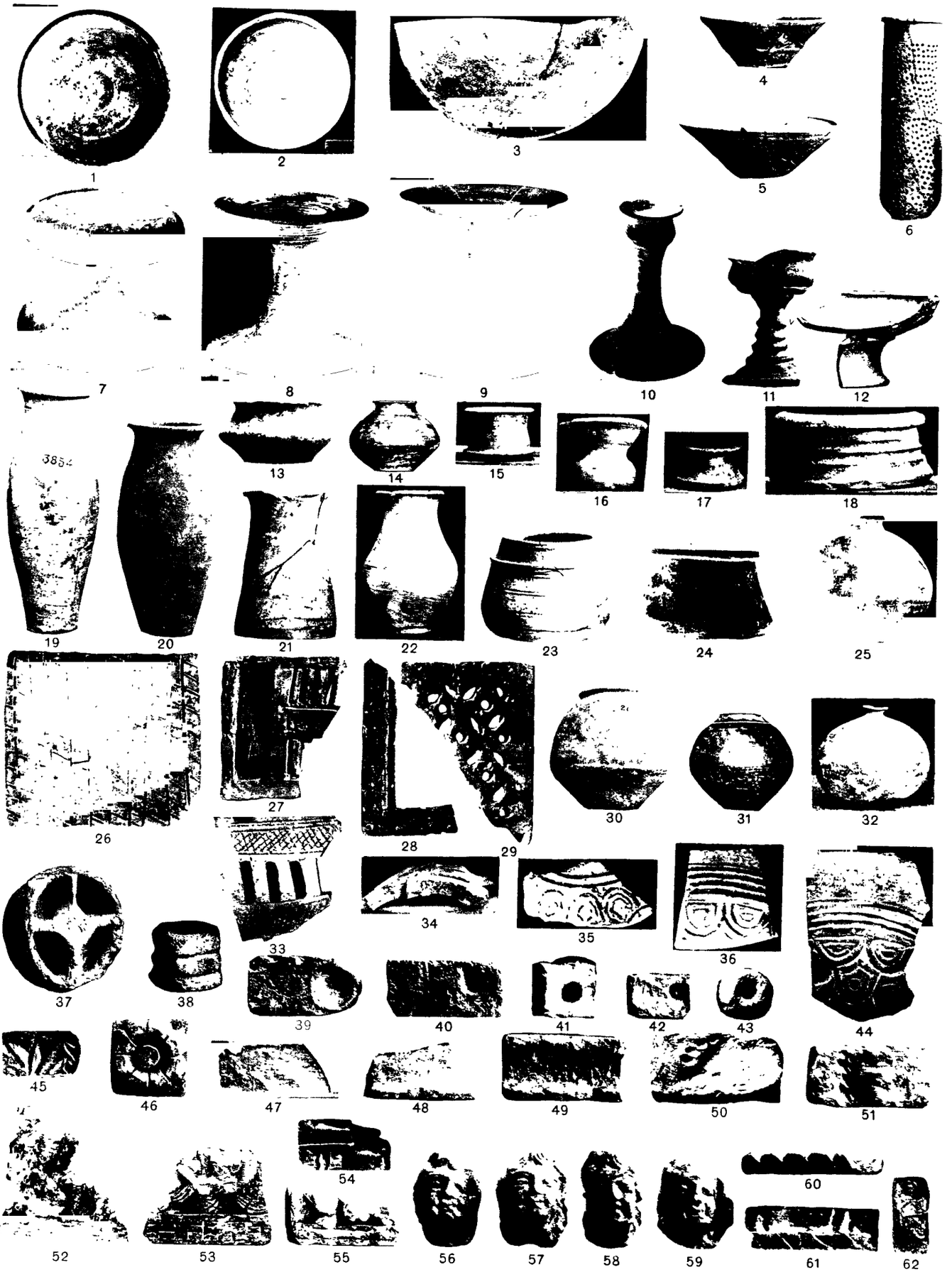
18

PAINTED POTTERY FROM THE MOUNDS.

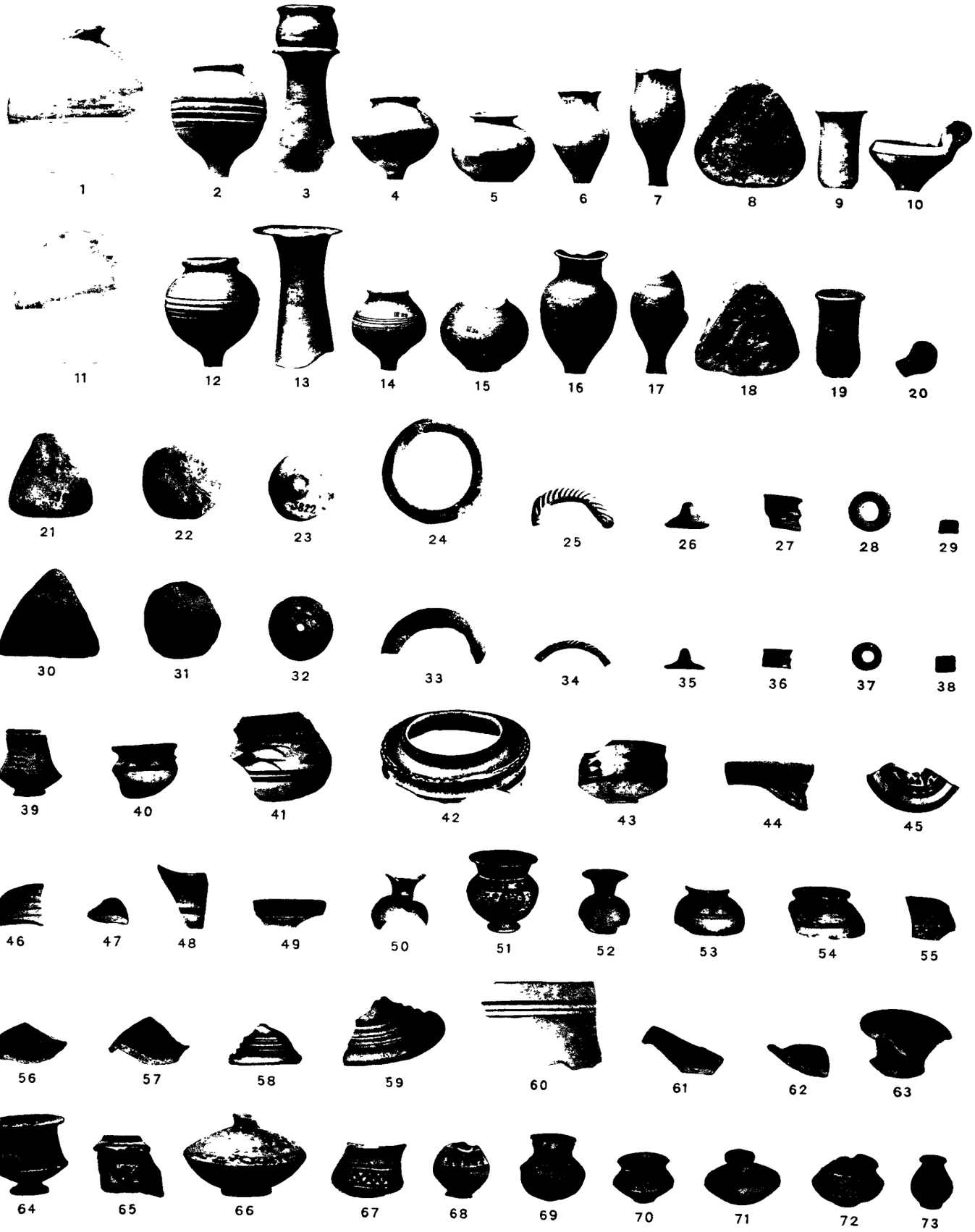

SCALE 1·24
SCALE 1·9
1 7867
2 299
3 2261
4 3685
5 G 130e
6 G 130g
7 12141
8 G 130i
9 G 43
10 G 289,II,Pg
11 G 289,II,Pf
12 G 130h
13 10249a
14 G 15d
15 H 441c
16 G 130a
17 G 15a
18 626
19 10009a
20 G 130b
21 8430
22 G 289,III,Pd
23 G 130c
24 G 15
25 2912
26 3818
27 4383
SCALE 1·3
SCALE 1·6
28 G 130d
29 J 176
30 D 27
31 616
32 2750
33
34 G 229
35 G 130f
36 G 289,II,Pc
37 3973
38 8410
39 273
40 7963
41 A 3
42 Ab 268



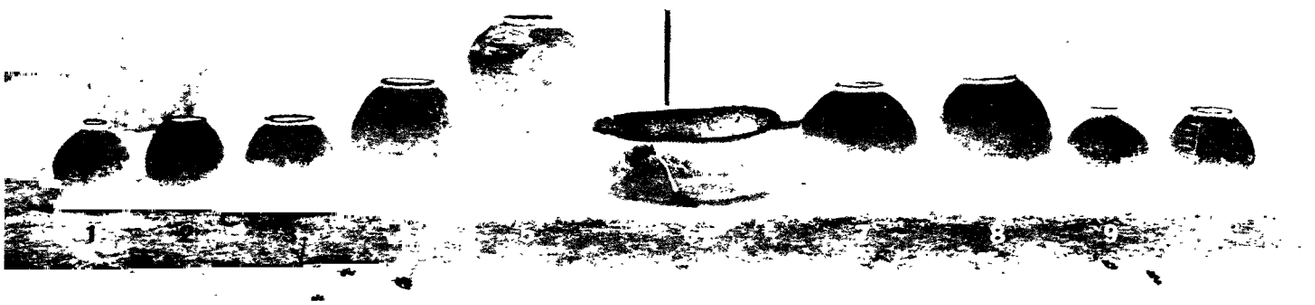
MISCELLANEOUS POTTERY.



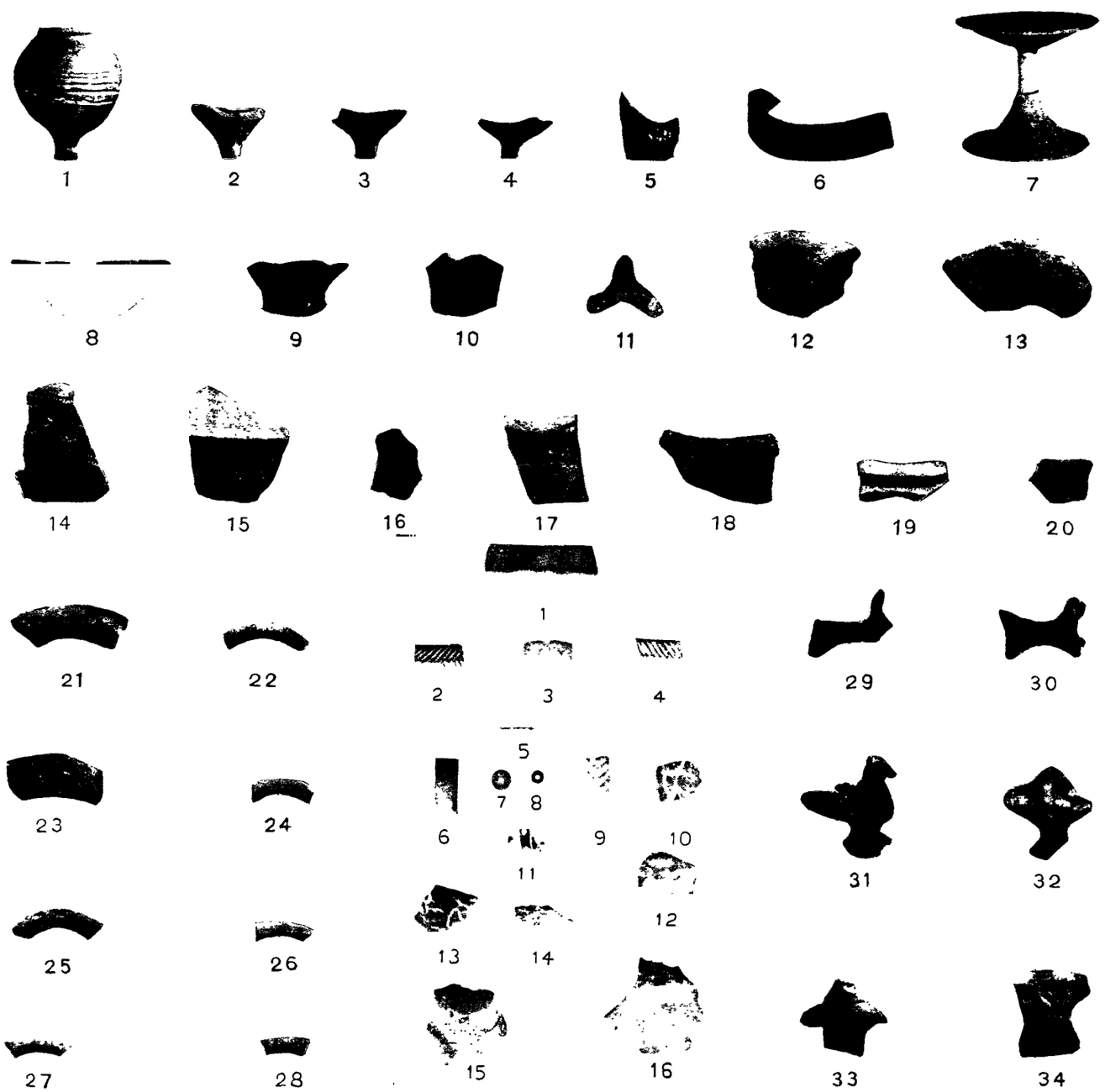
VESSELS AND MISCELLANEOUS OBJECTS OF TERRACOTTA.



MISCELLANEOUS OBJECTS FROM HARAPPA AND KOTLA NIHANG, AND POTTERY TYPICAL OF CEMETERY H FROM HARAPPA.



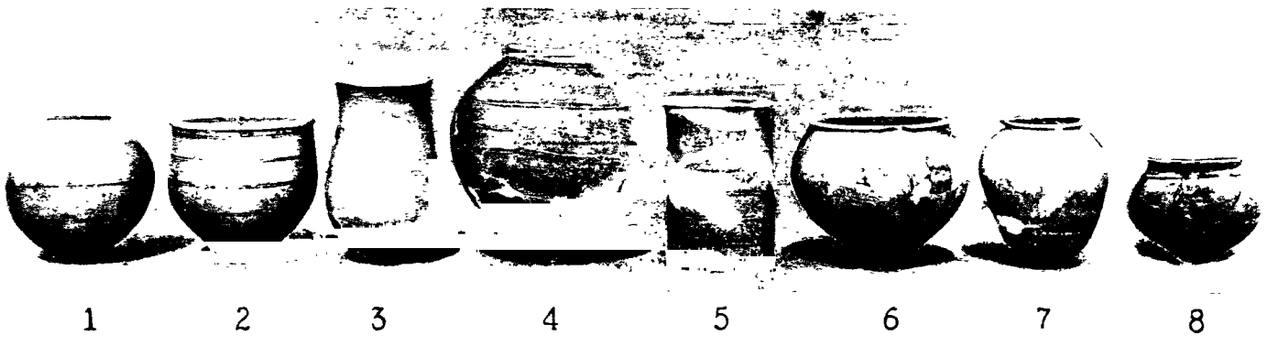
(*a*) COMMON TYPES OF HOUSEHOLD JARS FROM HARAPPA.



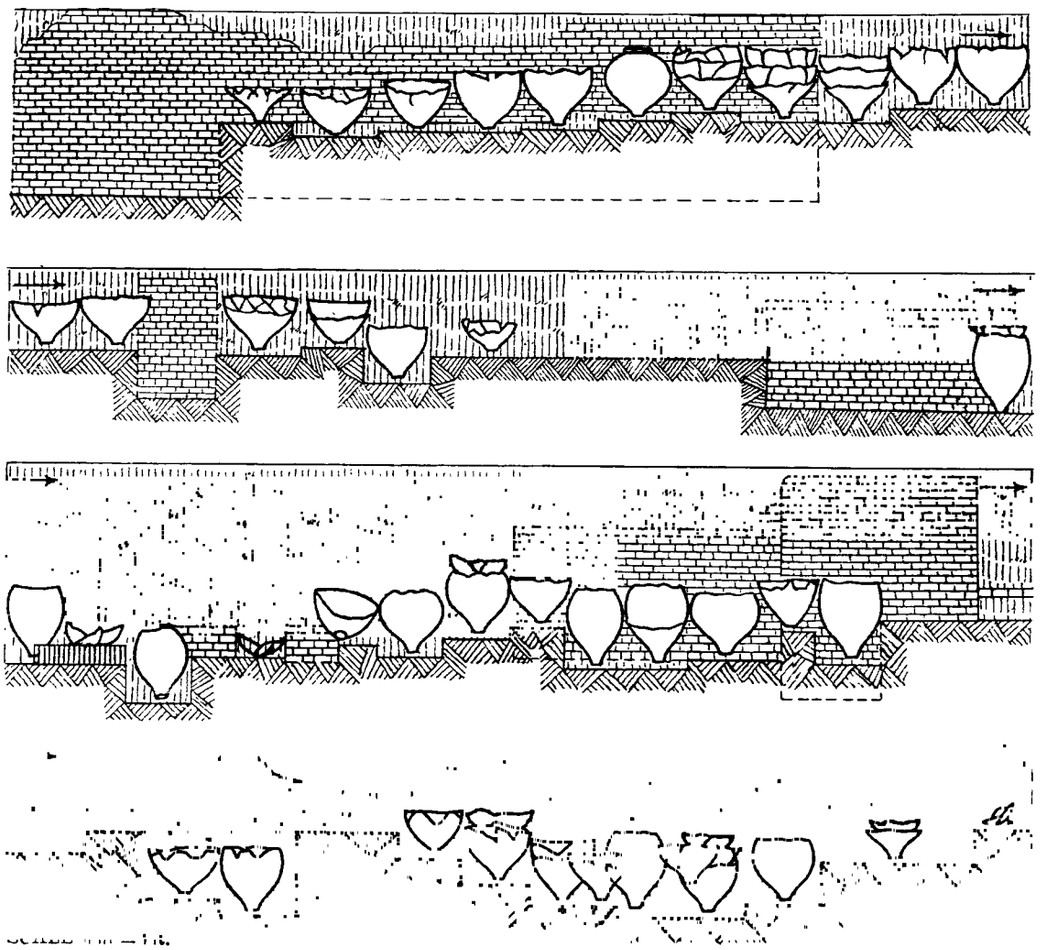
(*c*) POTTERY OBJECTS.

(*b*) MISCELLANEOUS OBJECTS FROM CHAK PURBANE SIYAL.

(*c*) POTTERY OBJECTS.



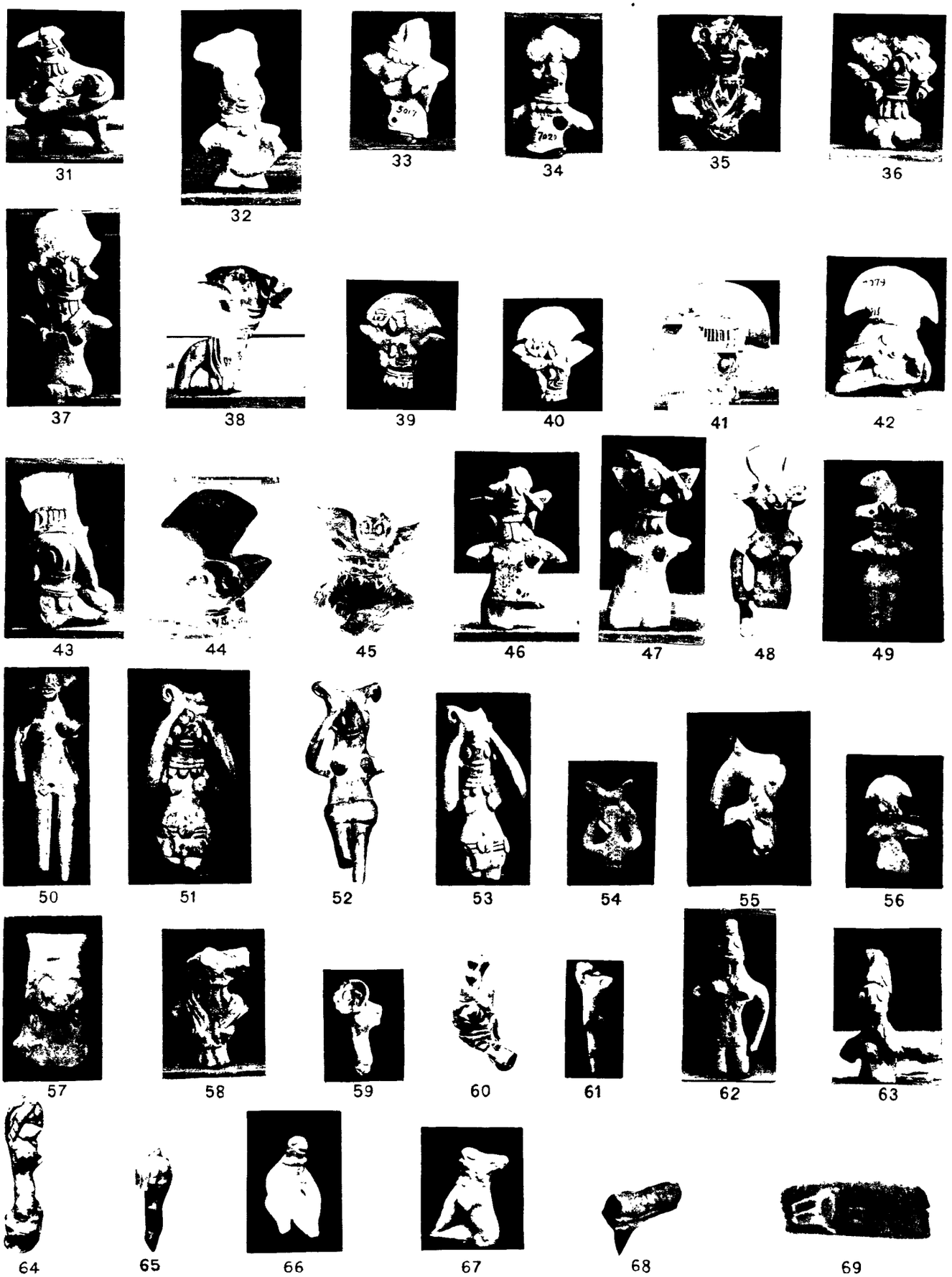
(*a*) COMMON TYPES OF POST-CREMATION URNS.



MOUND AB, TRENCH AT THE SOUTHERN EDGE.
ROW OF POST-CREMATION URNS, LOOKING SOUTH.



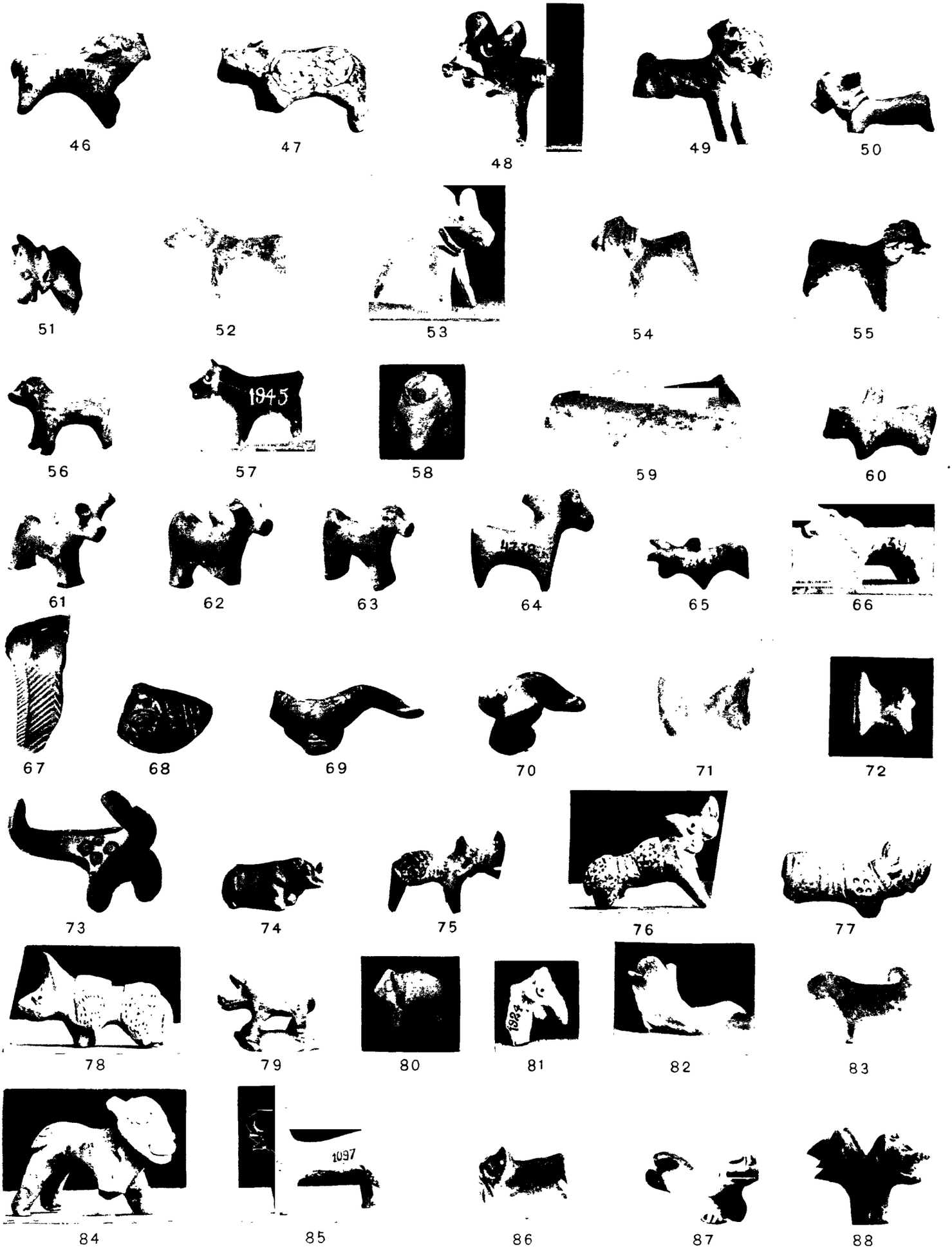
TERRACOTTA HUMAN FIGURINES.



TERRACOTTA HUMAN FIGURINES.



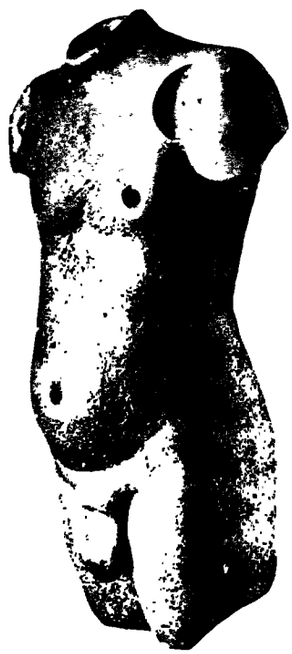
ANIMAL FIGURINES OF TERRACOTTA, FAIENCE, STONE, ETC.



ANIMAL FIGURINES OF TERRACOTTA, FAIENCE, STONE, ETC.



(*a*)



(*b*)



(*c*)



(*d*)

STATUETTE OF RED SANDSTONE No. 9042 FROM TRENCH IV.



(*a*)



(*b*)

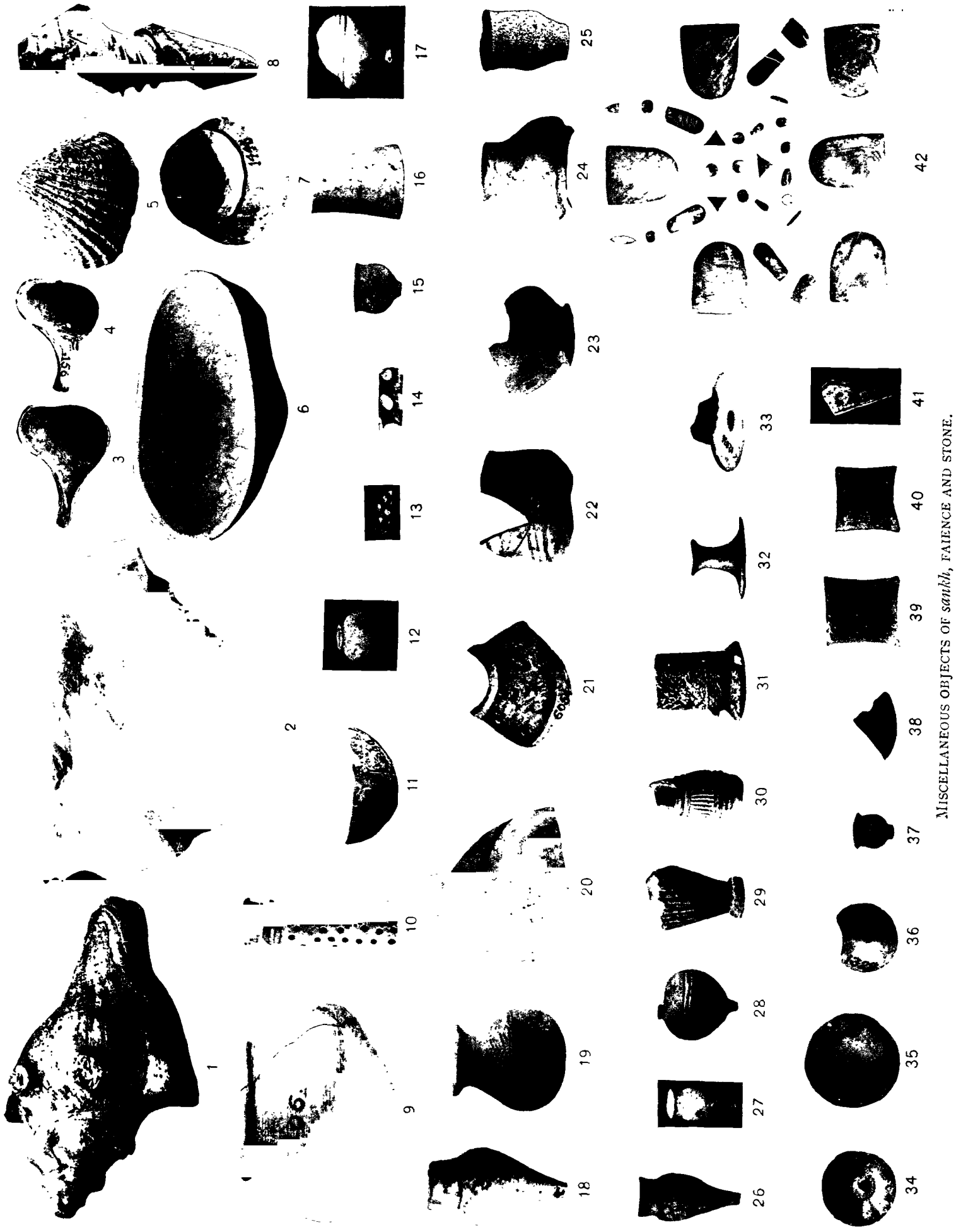


(*c*)



(*d*)

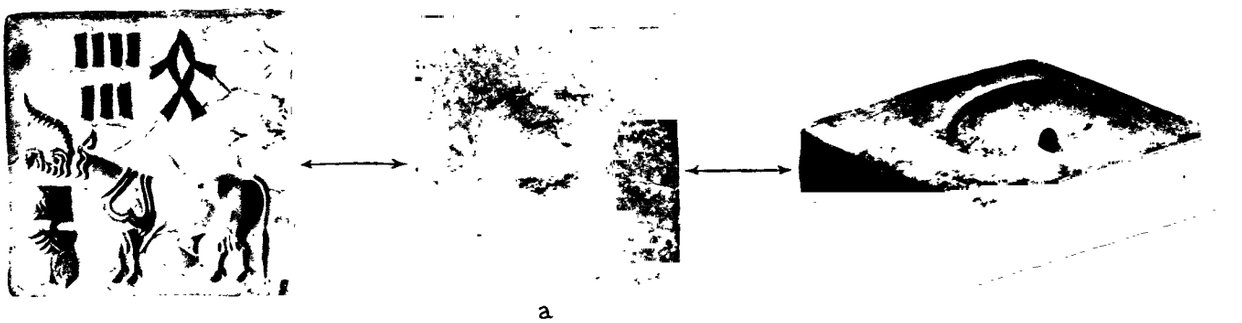
STATUETTE OF GREY STONE No. Ab 959 FROM THE CENTRAL AISLE OF THE GREAT GRANARY.



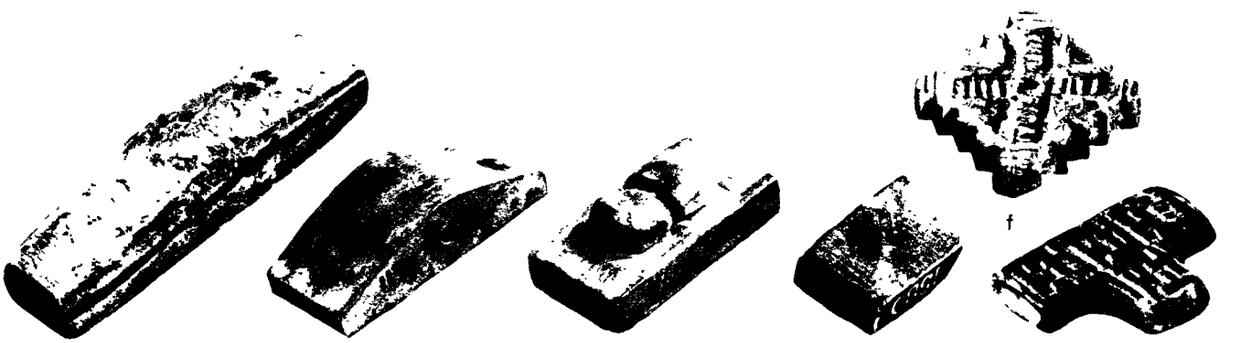
MISCELLANEOUS OBJECTS OF *sankh*, FAIENCE AND STONE.



STONE VESSELS, MACE-HEADS AND OBJECTS OF TECHNICAL INTEREST IN STONE AND FAIENCE.



a



b c d e f g



h i j k l m n



o p q r s t u



v w x y z aa ab ac ad



ae af ag ah ai aj



ak al am an ao ap aq


1


2


3


4


5


6


7


8


9


10


11


12


13


14


15


16


17


18


19


20


21


22


23


24


25


26


27


28


29


30


31


32


33


34


35


36


37

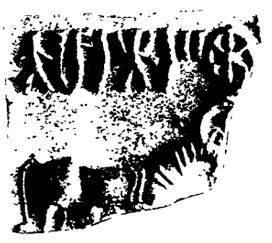

38


39


40


41


42


43


44


45


46


47


48


49


50


51


52


53


54


55


56


57


58


59


60


61


62


63


64


65


66


67


68


69


70


71


72


73


74


75


76


77


78


79


80


81


82


83


84


85


86


87


88


89


90


91


92


93


94


95


96


97


98


99


100


101

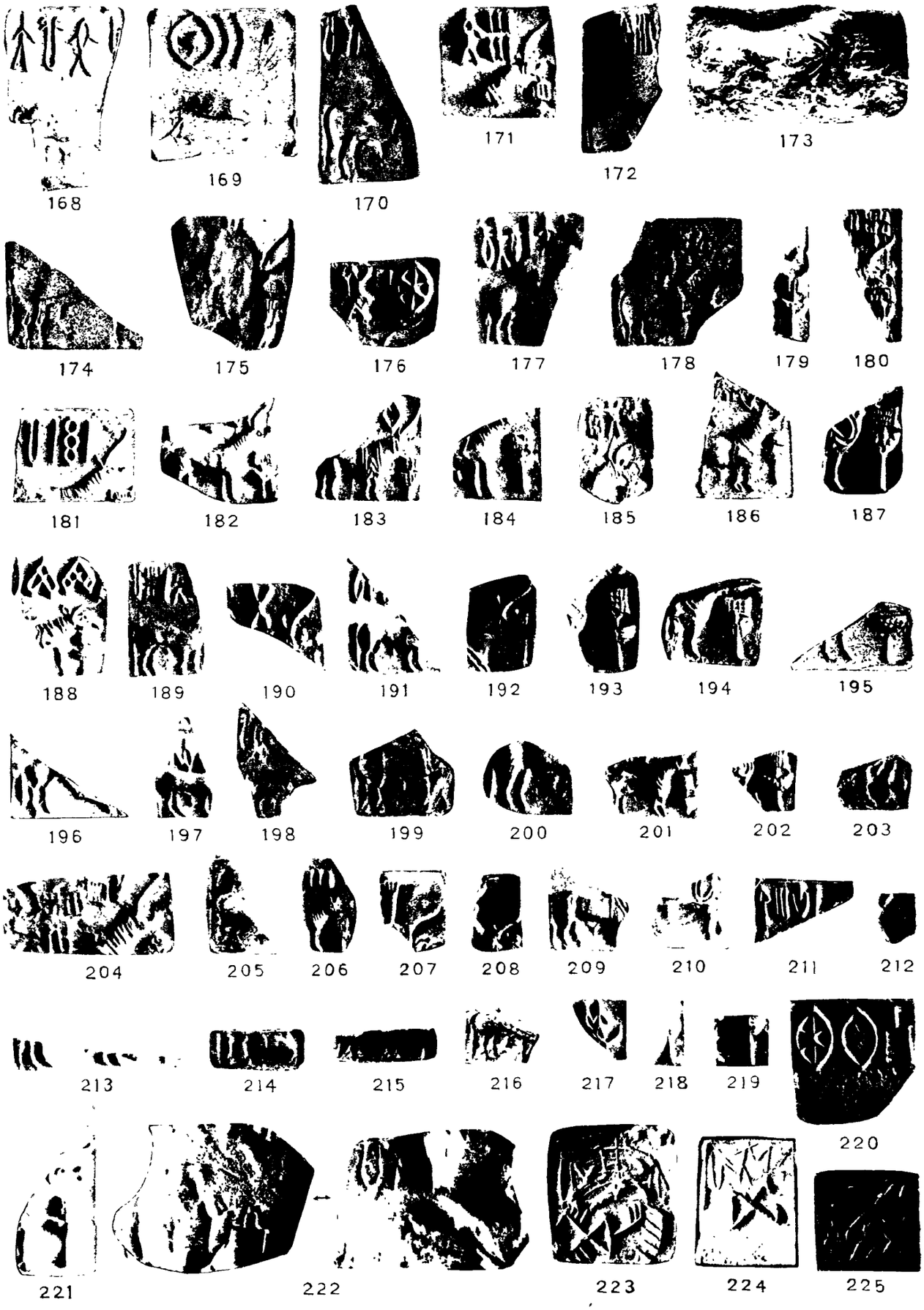

102


103


104


105


106
107
108
109
110
111
112
113
114
115
116
117
118
119
120
121
122
123
124
125
126
127
128
129
130
131
132
133
134
135
136
137
138
139
140
141
142
143
144
145
146
147
148
149
150
151
152
153
154
155
156
157
158
159
160
161
162
163
164
165
166
167


168
169
170
171
172
173
174
175
176
177
178
179
180
181
182
183
184
185
186
187
188
189
190
191
192
193
194
195
196
197
198
199
200
201
202
203
204
205
206
207
208
209
210
211
212
213
214
215
216
217
218
219
220
221
222
223
224
225


226


227


228


229


230


236


231


232


233


234


235


237


238


239


240


241


242


243


244


245


246


247


248


249


250


251


252


253


254



255


256


257



258


259


260


261


262


263


264


265


266


267


268


269


270

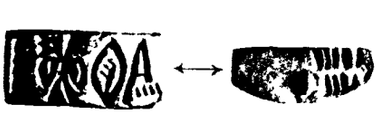

271


272


273


274


275


276


277


278


279


280


281


282


283


284


285


286


287


288


289


290


291


292


293


294


295


296


297

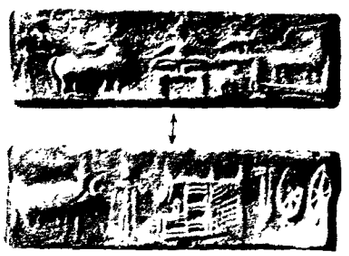

298

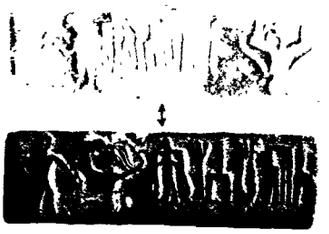

299

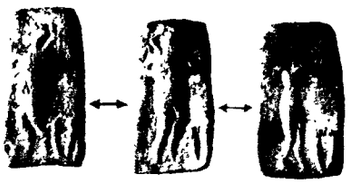

300


301


302

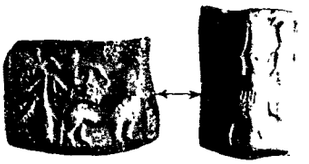

303

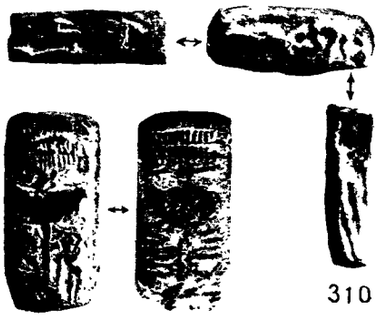

304


305


306


307


308


309 310

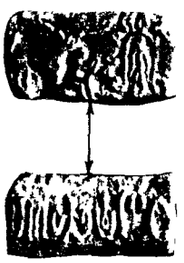

311

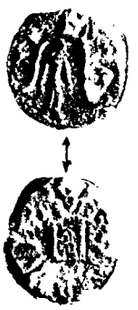

312

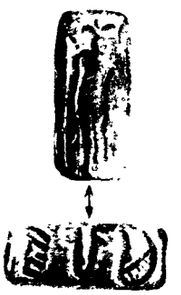

313


314

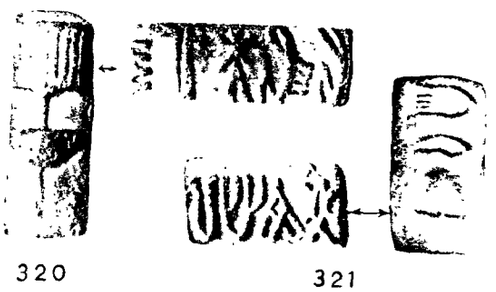

315

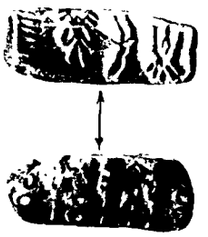

316

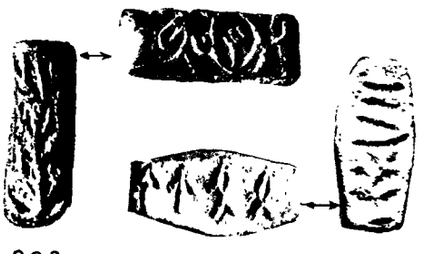

317


318

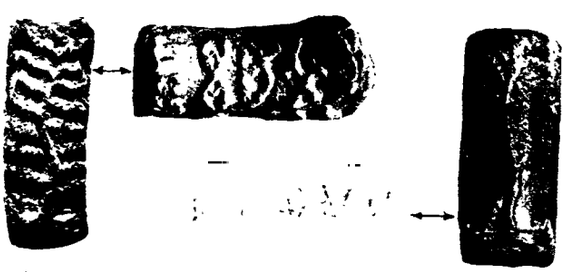

319


320 321

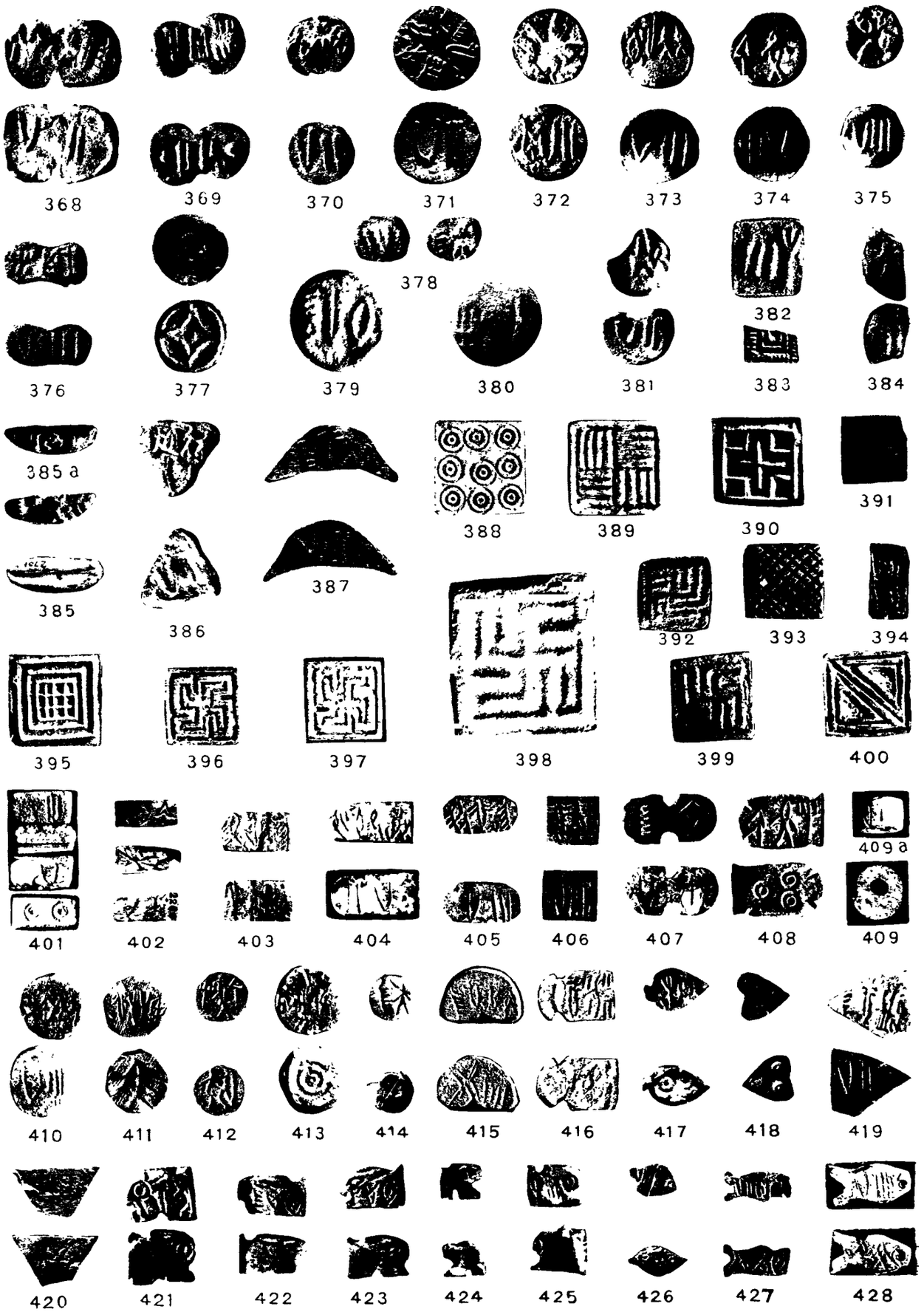

322


323 324


325 326

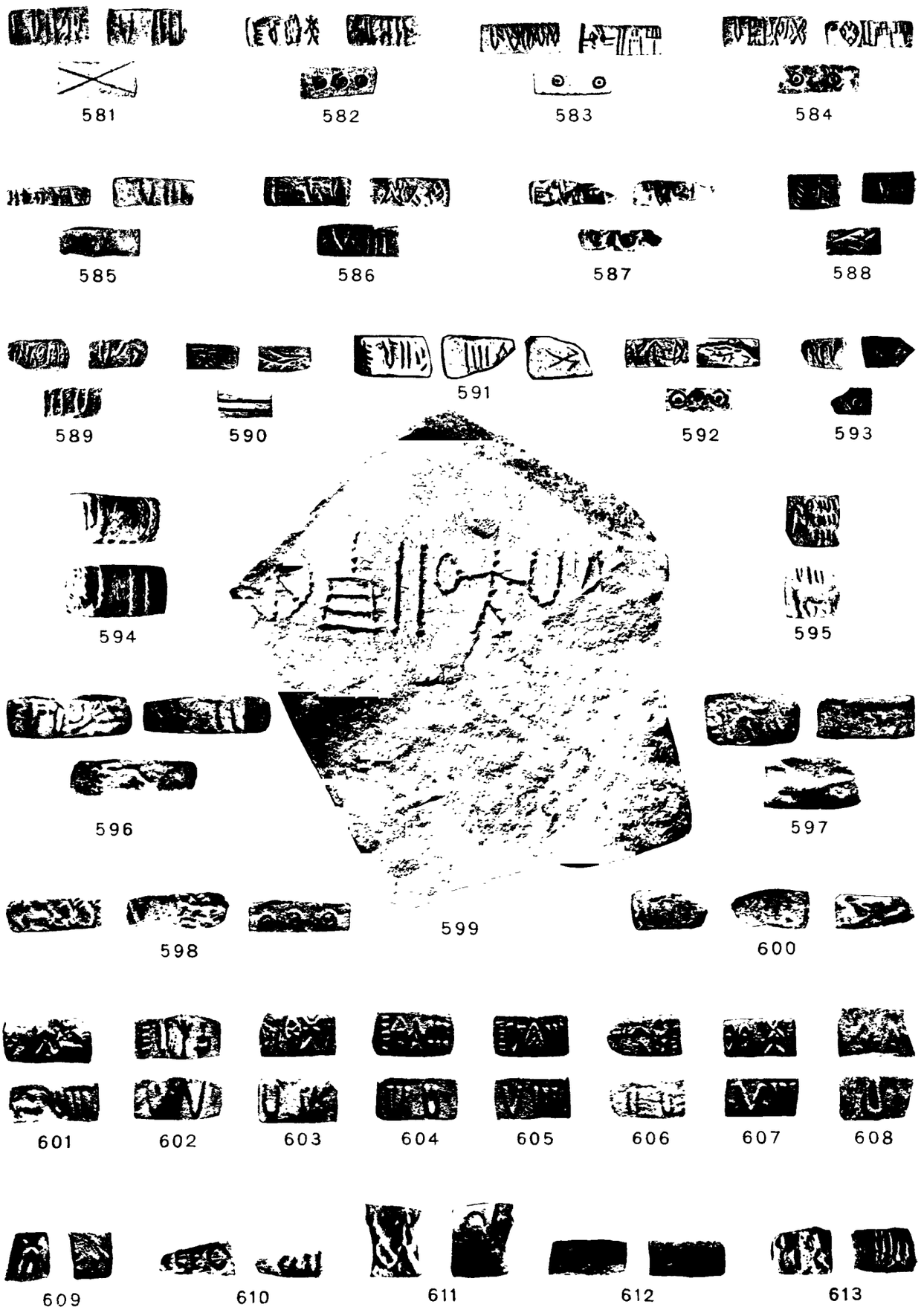

327 328


329
330
331
332
333
334
335
336
337
338
339
340
341
342
343
344
345
346
347
348
349
350
351
352
353
354
355
356
357
358
359
360
361
362
363
364
365
365a
366
366a
367
367a


368
369
370
371
372
373
374
375
378
376
377
379
380
381
382
383
384
385 a
385
386
387
388
389
390
391
392
393
394
395
396
397
398
399
400
401
402
403
404
405
406
407
408
409 a
409
410
411
412
413
414
415
416
417
418
419
420
421
422
423
424
425
426
427
428


429
430
431
432
433
434
435
436
437
438
439
440
441
442
443
444
445
446
447
448
449
450
451
452
453
454
455
456
457
458
459
460
461
462
463
464
465
466
467
468
469
470
471
472
473
474
475
476
477
478
479
480
481
482
483
484
485
486
487
488
489
490
491
492
493
494
495
496


497
498
499
500
501
502
503
504
505
506
507
508
509
510
511
512
513
514
515
516
517
518
519
520
521
522
523
524
525
526
527
528
529
530
531
532
533
534
535
536
537
538
539
540
541
542
543
544
545
546
547
548
549
550
551
552
553
554
555
556
557
558
559
560
561
562
563
564
565
566
567
568
569
570
571
572
573
574
575
576
577
578
579
580


581
582
583
584
585
586
587
588
589
590
591
592
593
594
595
596
597
598
599
600
601
602
603
604
605
606
607
608
609
610
611
612
613


614


615


616


617


618


619


620


621


622


623


624


625


626


627


628


629


630


631


632


633


634


635


636

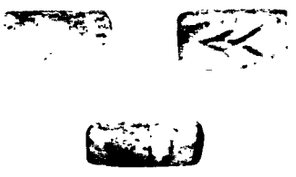

637

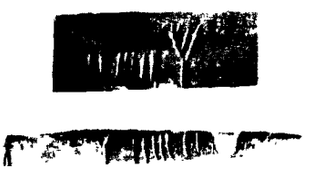

638


639

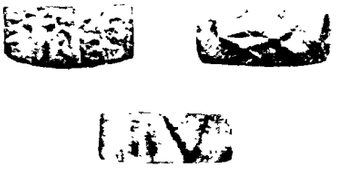

640


641

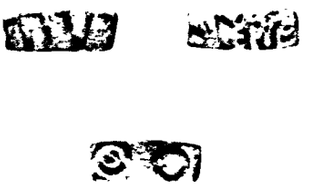

642


643


644


645


646


647


648


649


650


651
652
653
654
655
656
657
658
659
660
661
662
663
664
665
666
667
668
669
670
671
672
673
674
675
676
677
678
679
680
681
682
683
684
685
686
687
688
689
690
691
692

SEALS, SEALINGS, INSCRIBED BALL AND POTTERY.



693



694



695



696



697



698



699



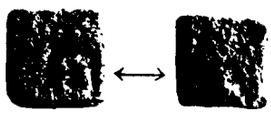
700



701



702



703



704



705



706



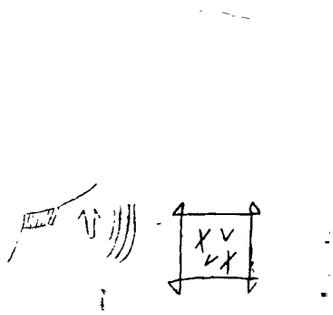
707



708



709





710



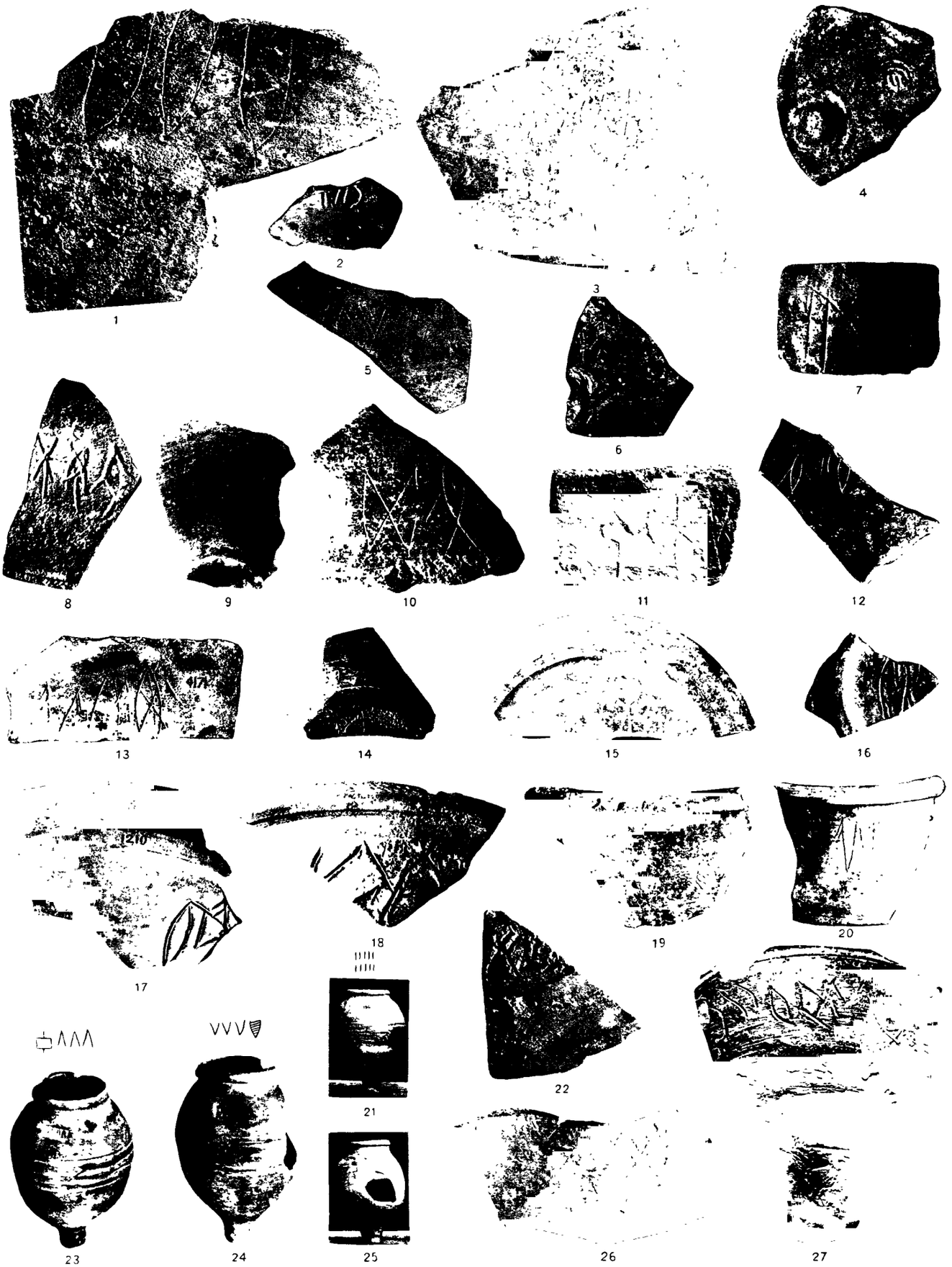
711



712



713



INSCRIBED POTTERY.



INSCRIBED POTTERY AND THREE INSCRIBED FRAGMENTS OF STONE.



58



59



60 61



62



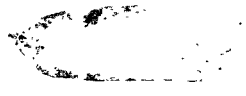
63



64



65



66



67 68



69



70



71



72



73



74



75



76

77



78



79



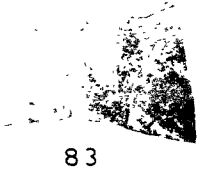
80



81



82



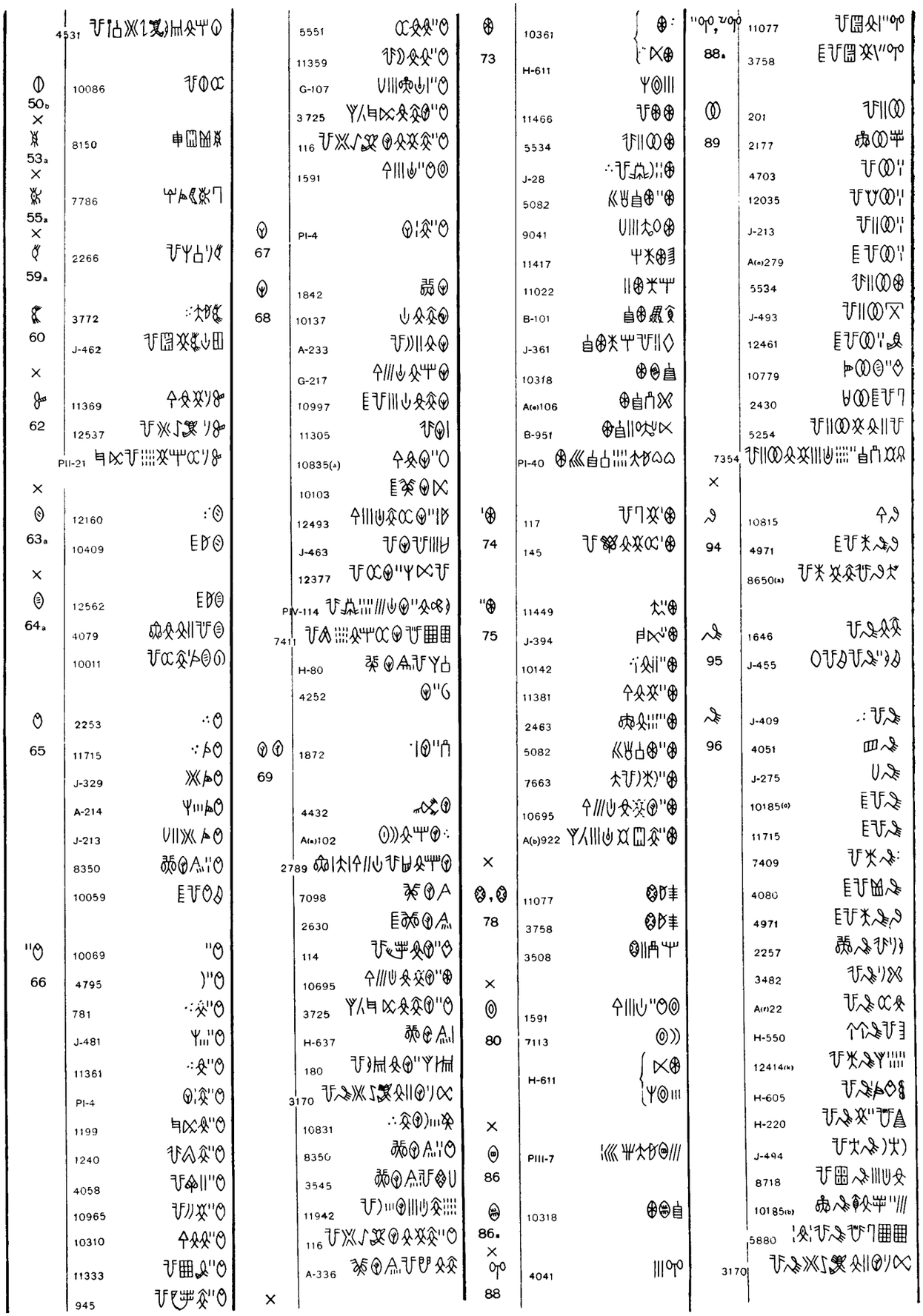
83

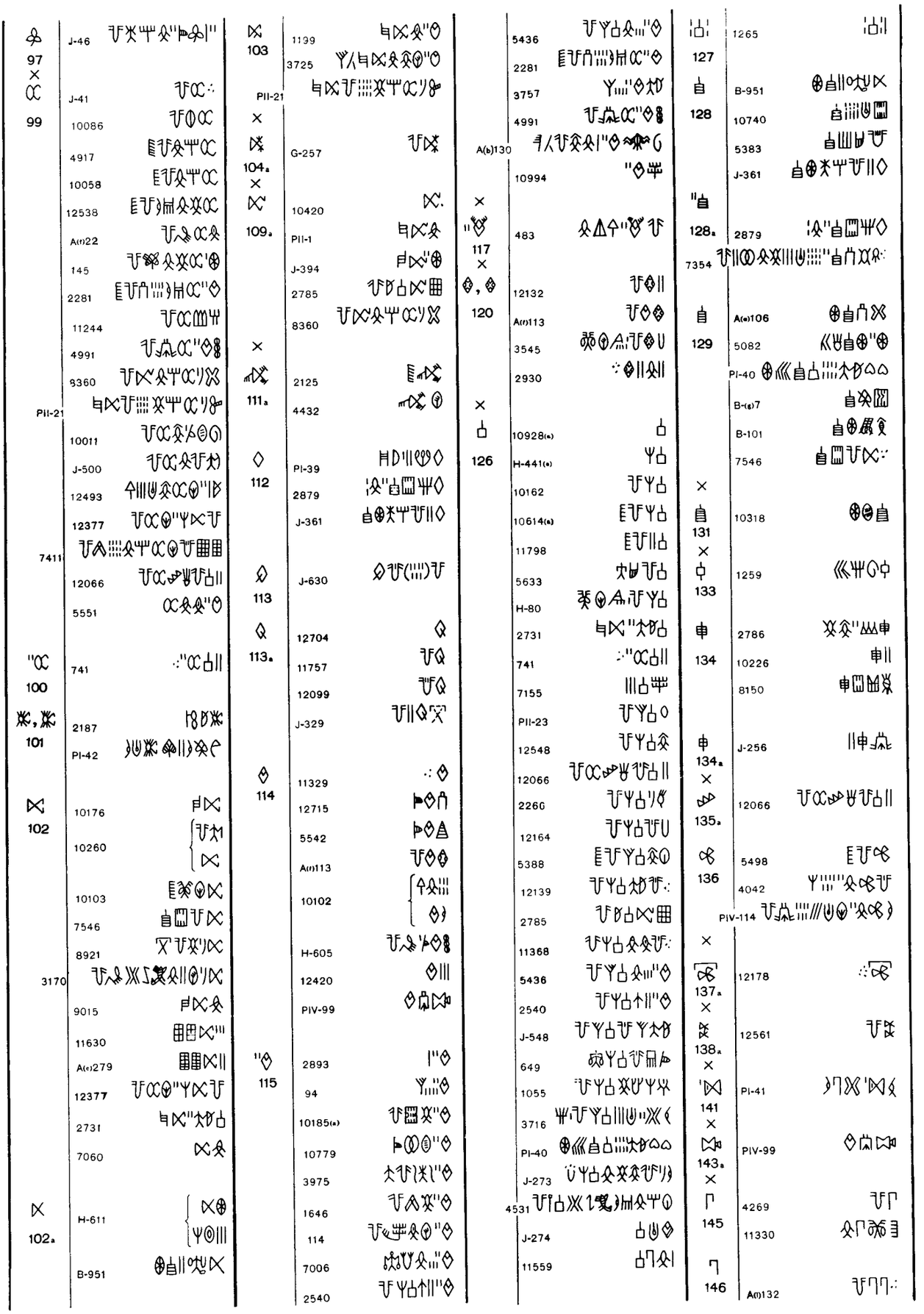
84

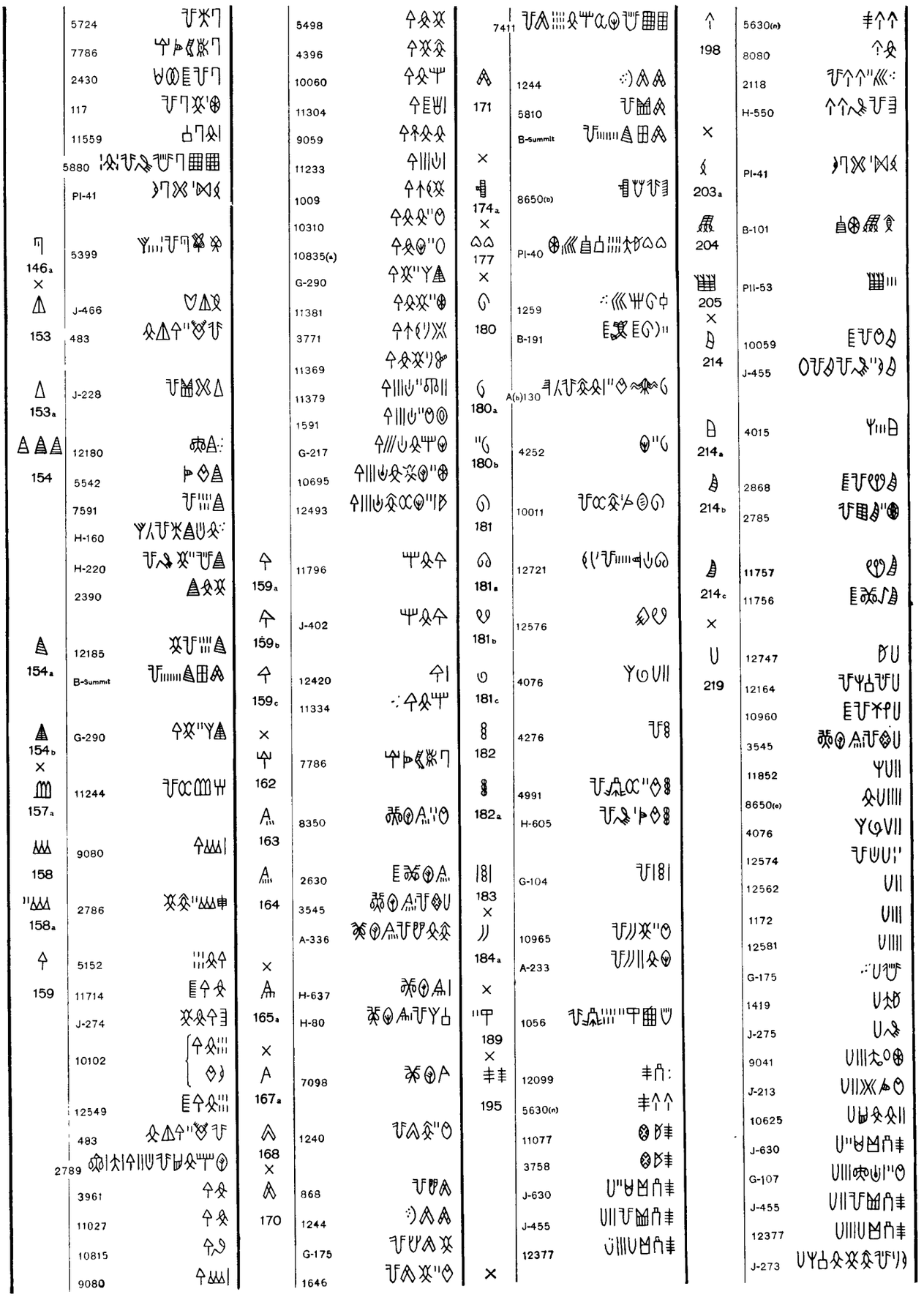


85

INSCRIBED POTTERY.





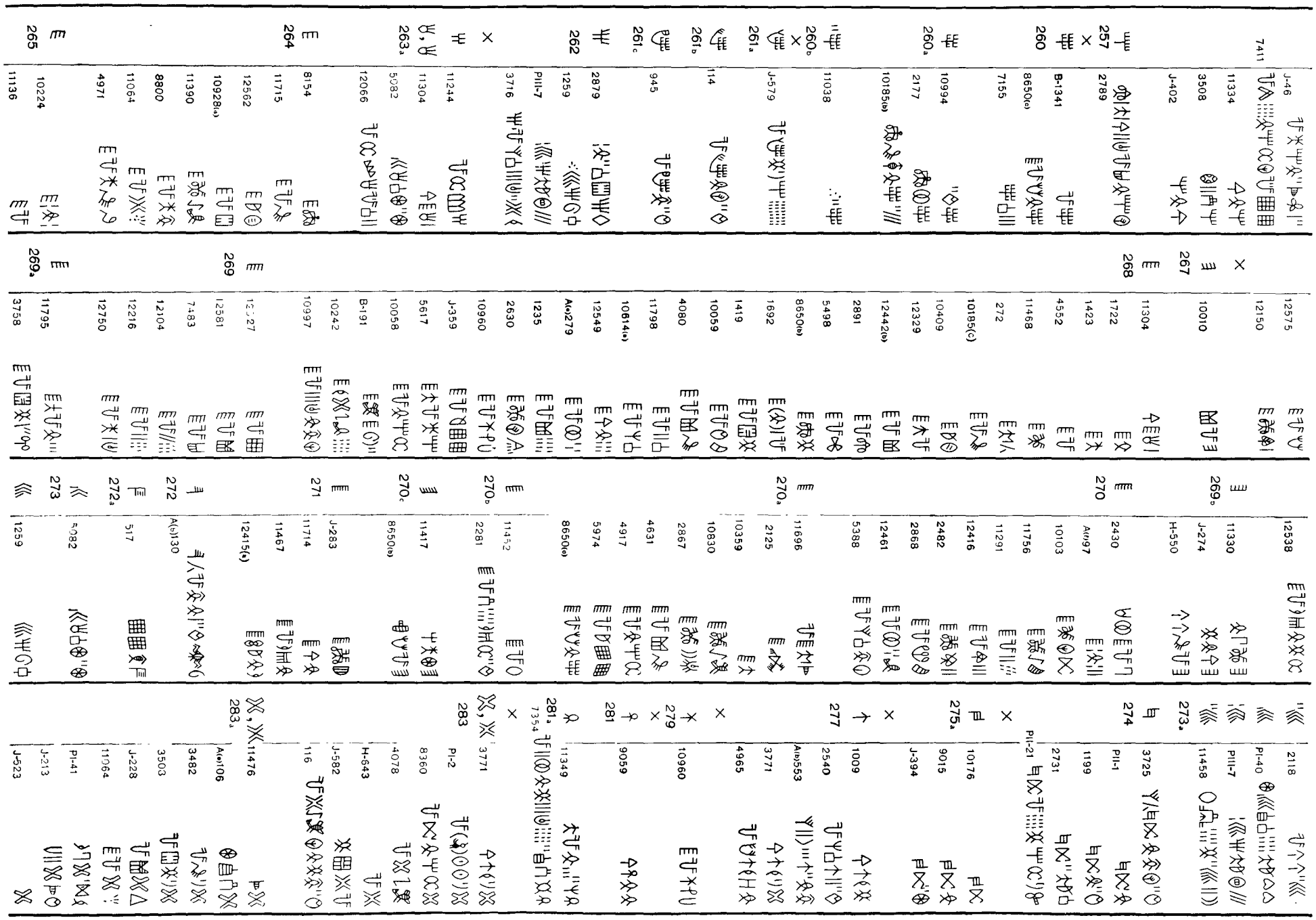


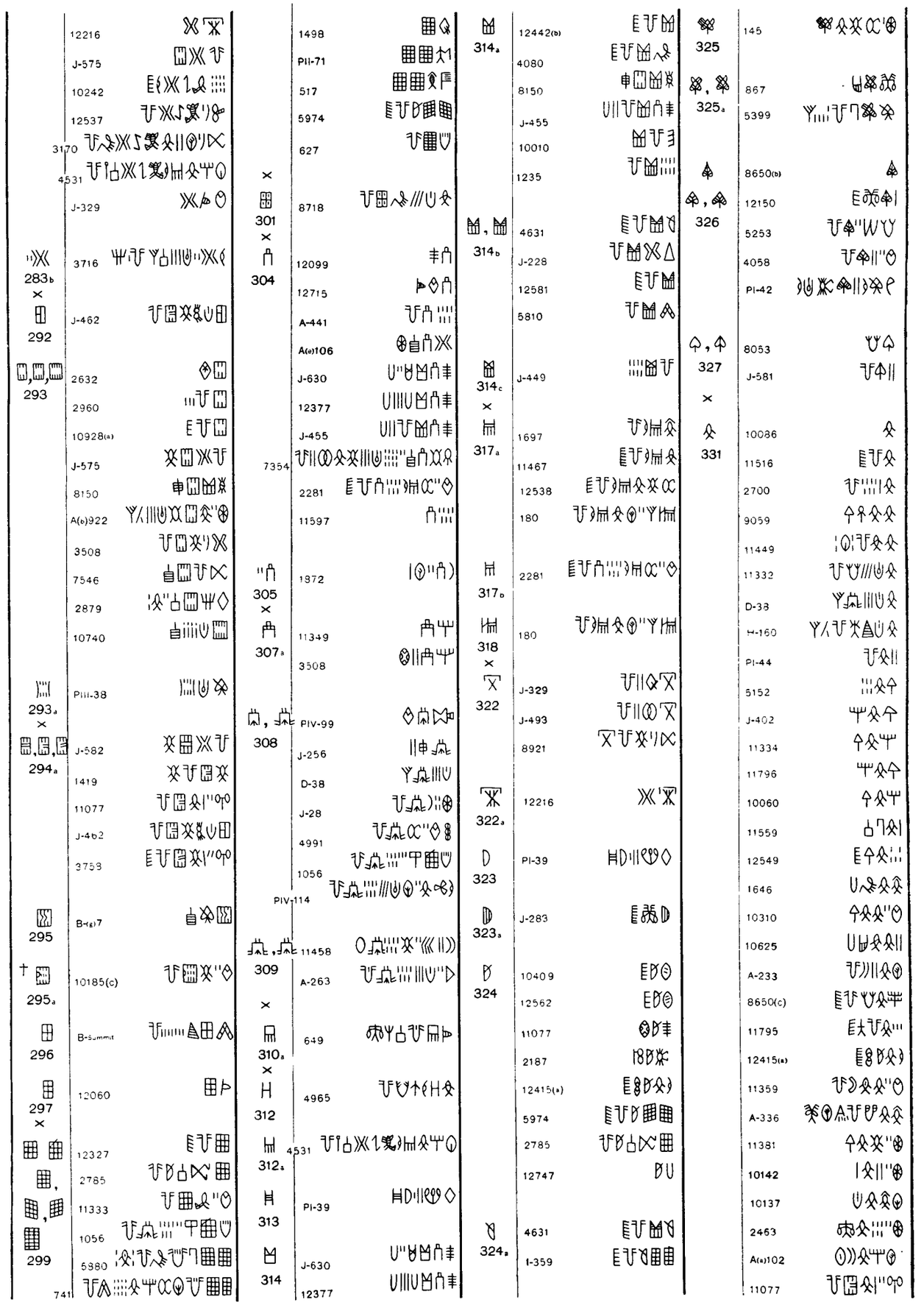
219.	J-463	
×		
223	7483	
	3803	
	1200	
	5383	
	5633	
	10625	
	2789	
	867	
223a		
×		
225a	J-630	
×		
227	11331	
	11233	
	10740	
	D-38	
	A-263	
	8718	
	J-462	
	H-160	
	12574	
	11379	
	11942	
	10695	
	2789	
	10137	
	3644	
228	12750	
	12752	
	J-274	
	PIII-38	
	11332	
	12721	
	1591	
	G-107	
	3716	
	G-217	
	10997	
	A(b)922	
	PIV-114	
	12493	
	7354	

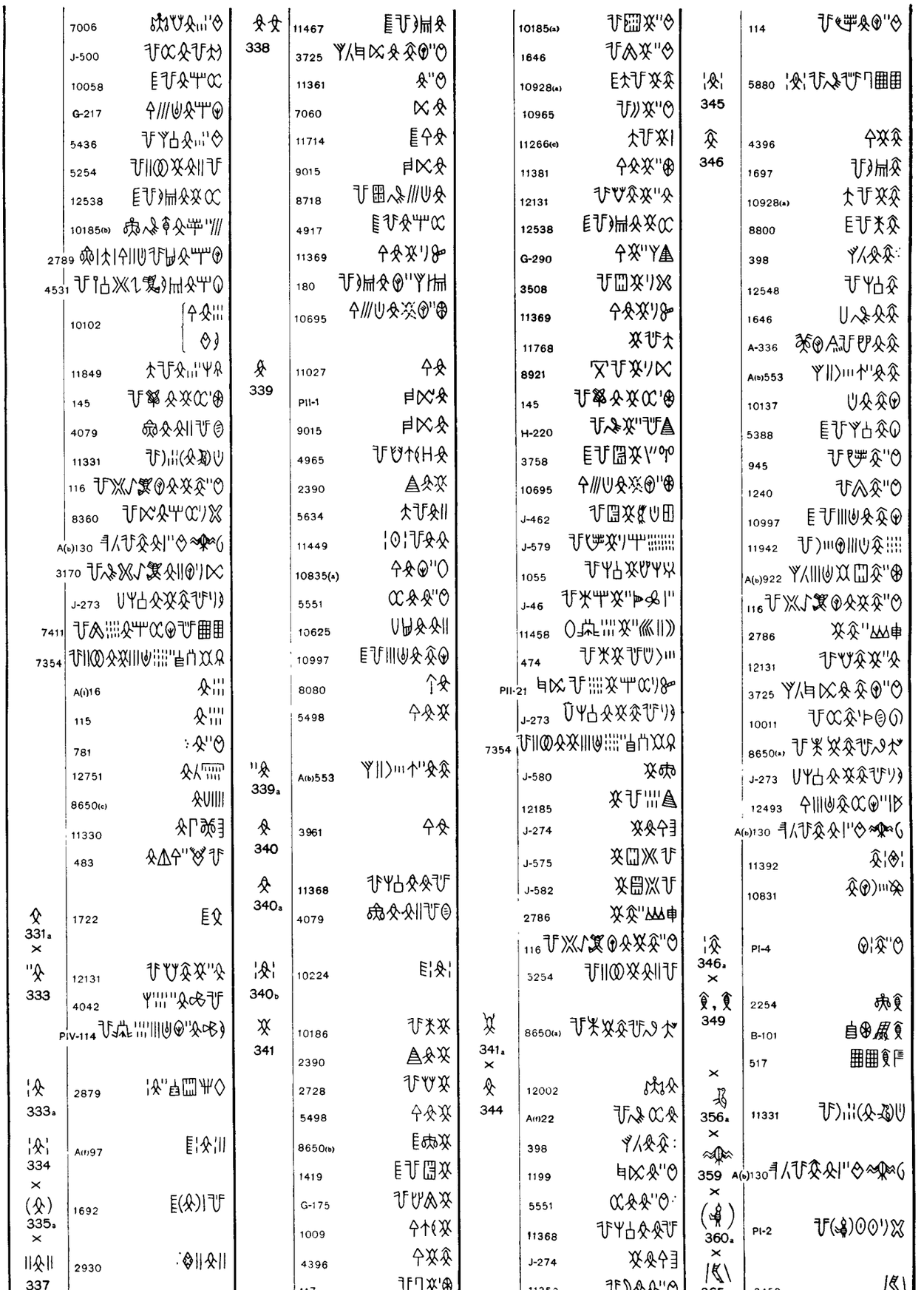
	PI-42	
×		
231	5253	
	12575	
232	2728	
	12035	
	8650(b)	
	8650(c)	
	12131	
	7006	
	11332	
	8053	
×		
233a	4965	
	G-175	
234	1055	
×		
	A-336	
236		
×		
237a	868	
	J-450	
238	11626	
	11136	
	4552	
	12329	
	J-449	
	8650(b)	
	J-582	
	J-630	
	12377	
	5254	
	10010	
	10928(a)	
	11452	
	11516	
	11715	
	10185(c)	
	12327	
	12442(b)	
	12581	
	5498	
	7483	

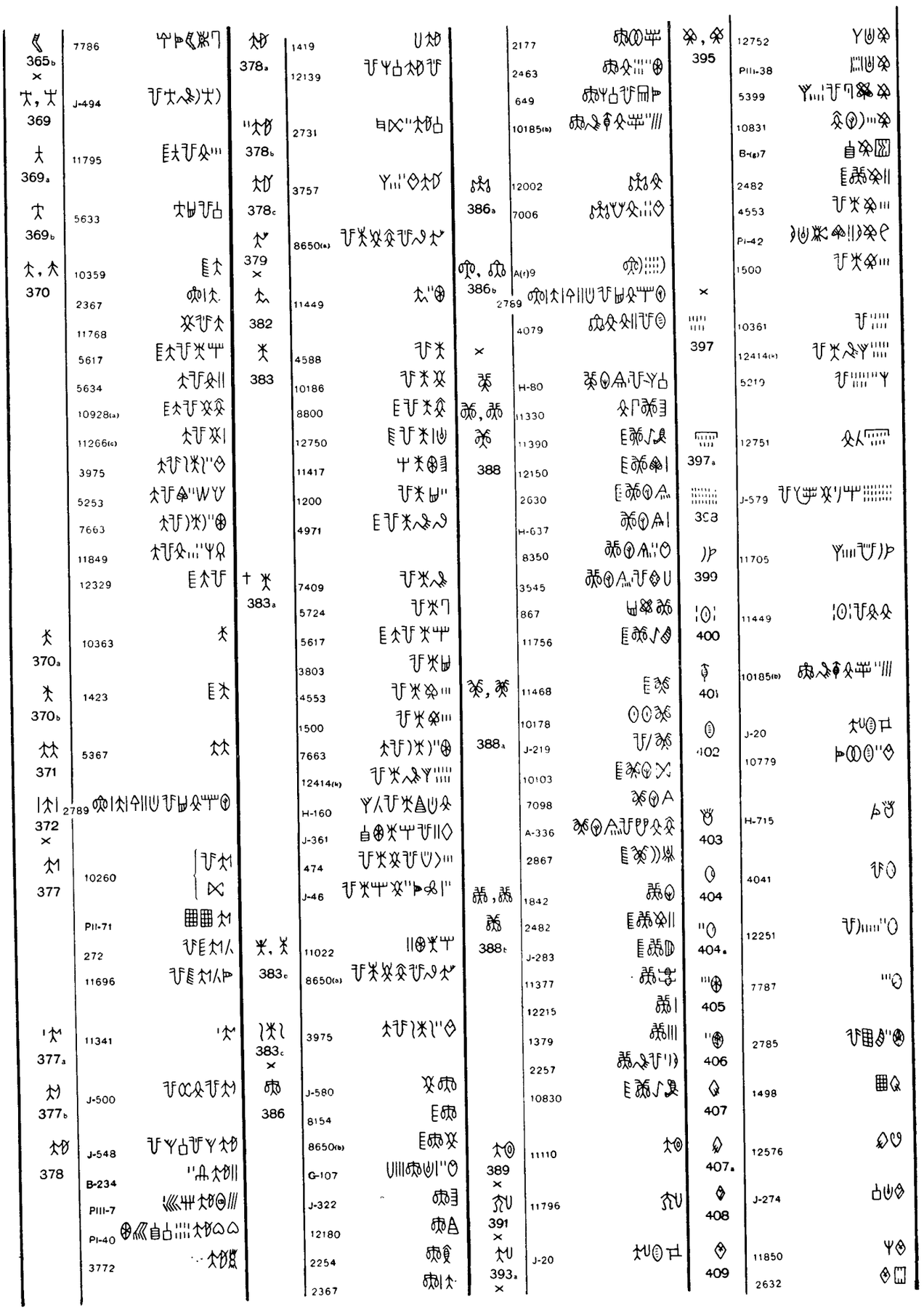
2891	
5633	
7546	
21	
2430	
H-550	
11798	
10059	
10614(a)	
10928(a)	
1235	
11266(c)	
11291	
12185	
12216	
2868	
A(c)279	
4080	
4631	
5634	
1419	
7663	
8800	
11064	
11449	
11795	
5617	
11467	
12750	
4971	
12461	
J-359	
5253	
5974	
8921	
J-455	
A-336	
J-455	
11849	
3758	
5388	
H-160	
10997	
12538	
2281	

PII-21	
G-104	
B-1341	
10361	
10818	
11757	
12561	
2531	
J-409	
4269	
4276	
H-643	
A(c)132	
A(r)113	
10061	
10162	
11466	
11853	
J-219	
J-30	
PI-44	
A-441	
4703	
J-581	
12132	
5724	
5810	
7409	
7591	
868	
A(n)22	
117	
12251	
1200	
1697	
10965	
11244	
11333	
12035	
12548	
12574	
PII-23	
J-213	
5219	
J-329	




299
294a
293a
293
283b
292
296
295a
295
297
313
314
307a
305
308
310a
312
312a
324a
323a
323
322a
322
318
317a
317b
317c
314a
314b
304
301
326
327
331
325a
325
145
867
5399
8650(b)
12150
5253
4058
Pl-42
8053
J-581
10086
11516
2700
9059
11449
11332
D-38
H-160
Pl-44
5152
J-402
11334
11796
10060
11559
12549
1646
10310
10625
A-233
8650(c)
11795
12415(a)
11359
A-336
11381
10142
10137
2463
A(a)102
11077
741
5980
1056
11333
2785
12327
4531
3170
12537
10242
J-575
12216
3716
J-462
2632
2960
10928(a)
J-575
8150
A(b)922
3508
7546
2879
10740
Pl111-38
1419
11077
J-462
3753
B-7(g)7
10185(c)
B-Summit
12060
1056
5980
J-630
12377
4531
649
A-263
11458
Pl-114
1056
4991
J-28
D-38
J-256
Pl-99
11349
3508
1872
11597
2281
7354
J-455
12377
J-630
A(a)106
12715
12099
8718
1498
Pll-71
517
5974
627
4631
J-228
12581
5810
J-449
1697
11467
12538
180
2281
180
J-329
12216
Pl-39
J-283
10409
12562
11077
2187
12415(a)
5974
2785
12747
4631
1-359
12442(b)
4080
8150
J-455
10010
1235
5399
867
145


337
333a
334
335a
333
331a
340b
341
339a
340
338
339
345
346
346a
349
341a
344
356a
359
360a
365a
Pl-2
Pl-4
A(b)130
A(b)553
A(b)922
A(f)22
A(f)97
A(i)16
A-336
B-101
G-175
G-217
G-290
H-220
J-46
J-273
J-274
J-500
J-575
J-579
J-580
J-582
Pll-1
Pll-21
PlV-114



409a
11392
5211
410
12493
3758
411
A-263
412
2430
413
10929
414
J-359
7417
2785
415
A(e)279
416
4051
417
J-466
418
12576
419
3644
11333
10242
420
11390
12461
421
10830
422
8650(b)
116
423
4078
11853
4765
12537
B-191
424
4531
425
3170
426
7354
A(b)922
427
2531
428
11377
429
1055
430
2867
431
2891
432
11379
433
9041
434
B-951
435
12416
436
12752
H-80
4076
3757
11695
437
G-290
437a
12414(k)
438
PII-23
5388
5436
3716
10929
94
11705
D-38
5399
H-160
A(b)553
A(b)922
180
438a
439
440
441
441a
442
443
444
445
446
447
398
3725
A(b)62
J-548
5975
11064
10162
10614(a)
1055
H-611
12548
12139
12164
2266
11368
2540
649
J-273
4179
11850
H-441(e)
11852
J-481
4015
A-214
4042
5219
11849
12377
J-20
5253
J-466
10960
10960
4531
448
12415(a)
449
B-234
450
2187

Sign Manual Ends.

INSCRIPTIONS COMMON TO HARAPPA AND MOHENJO-DARO.

Harappa Photo No. of Seal.		Inscription.	M. I. C. Photo No. of Seal.
166			287
211			168
629			366
18			5
374	*		261
286			252
246			169

* This is a Seal Impression.

+ The following signs also occur at Mohenjo-daro but are not shown separately in M. I. C.

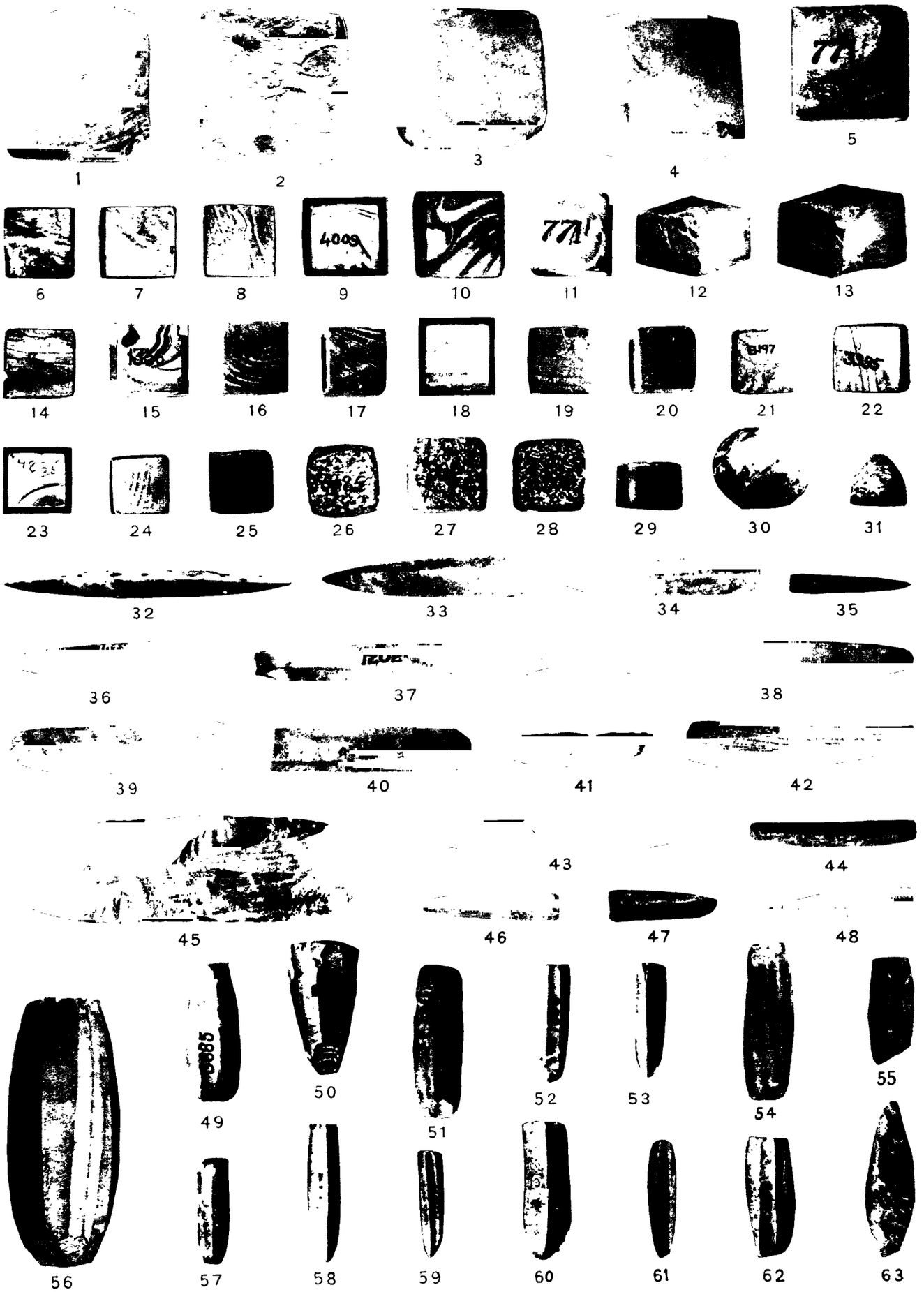
Harappa Sign No.	Sign.	M. I. C. Photo No. of Seal.
40a		394
295a		550
383a		28
438		H150 (Pl. CXIX, under Sign No. 2.)
439		6
440		451
441		220

Signs found only at Mohenjo-daro.

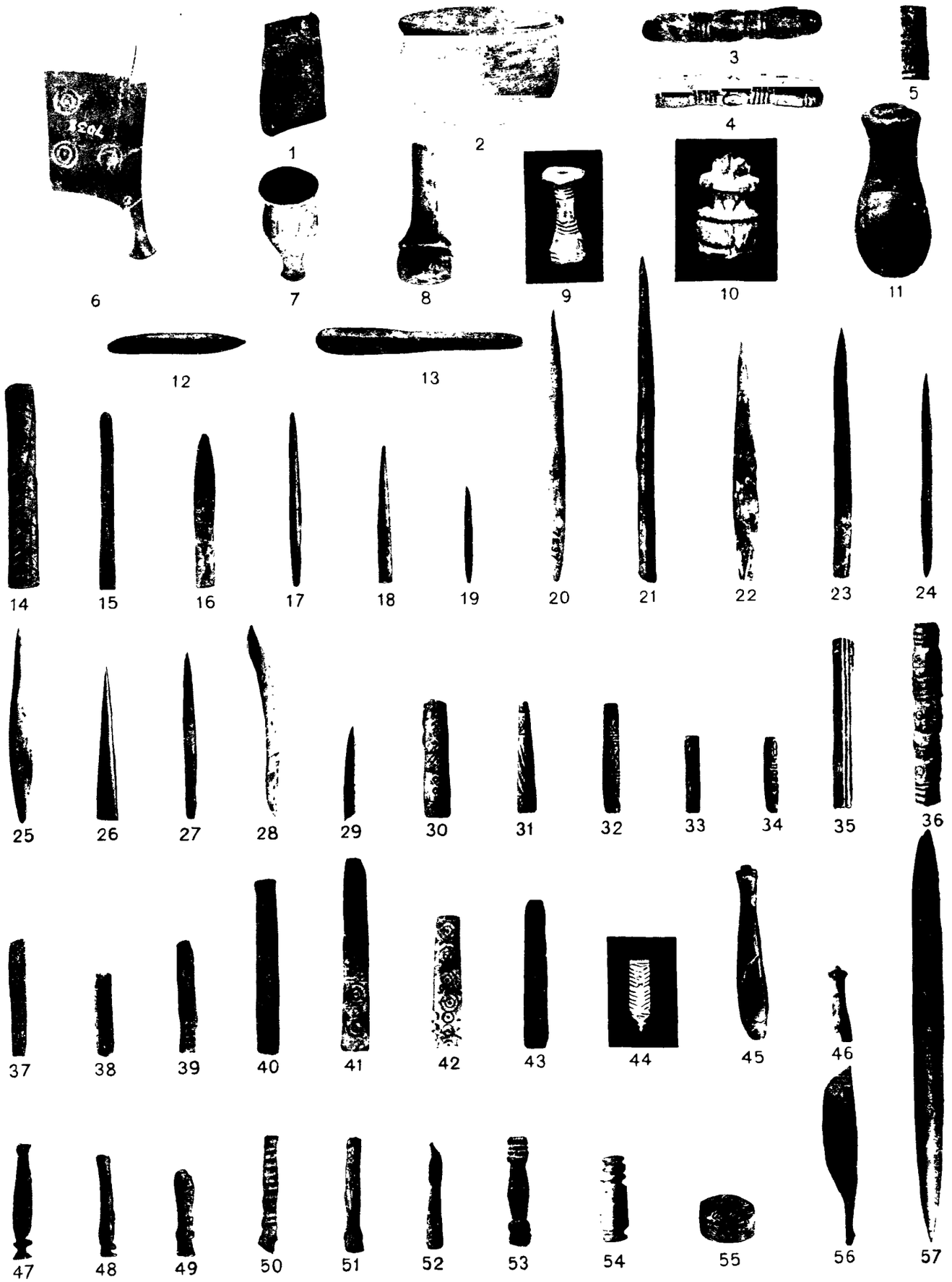
Sign.	Mohenjo-daro Seal No.
	539
	325



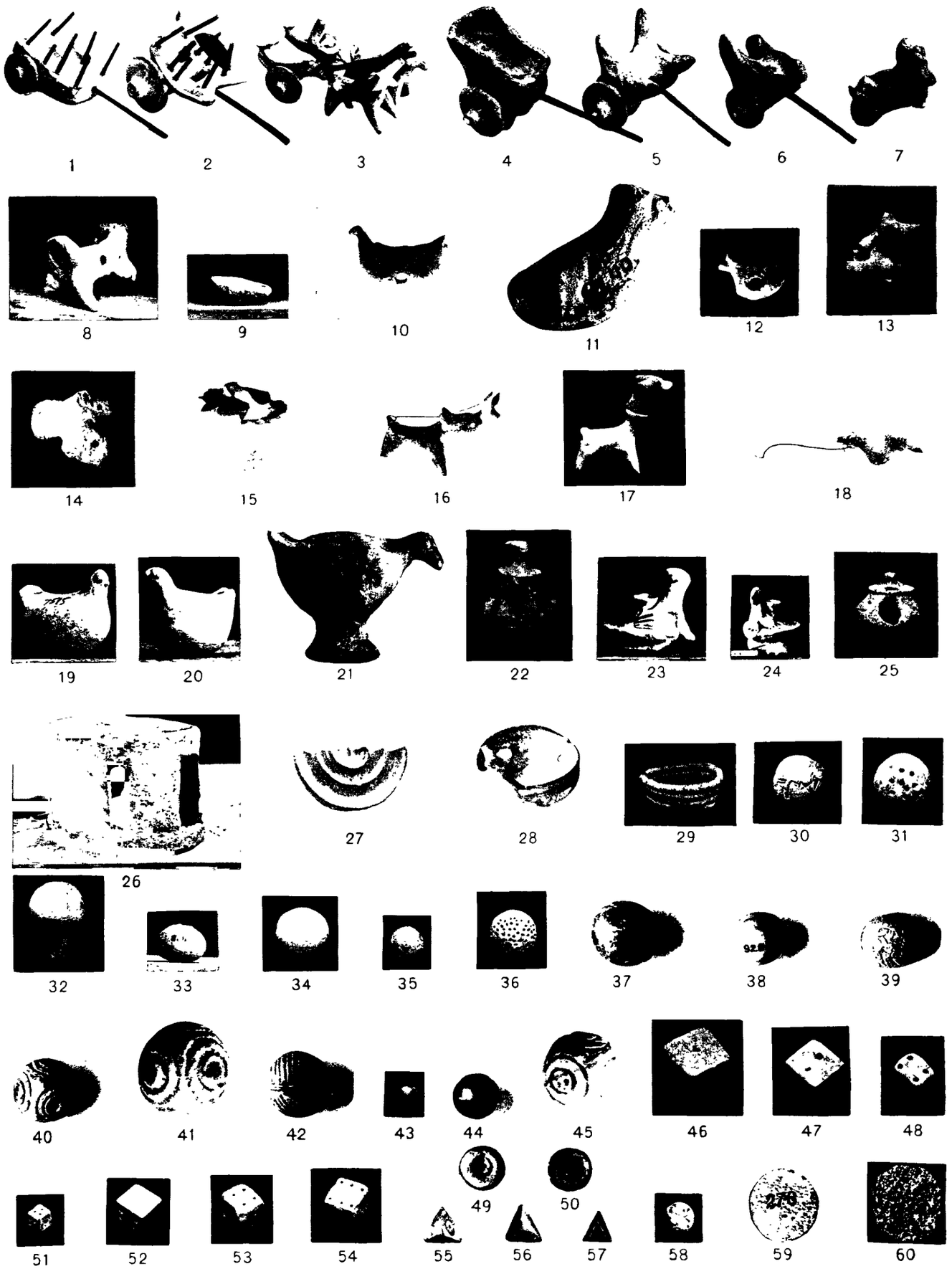
MISCELLANEOUS CULT AND HOUSEHOLD OBJECTS.



STONE AND CHERT WEIGHTS, POLISHERS, KNIVES, CORES AND AN ARROWHEAD.



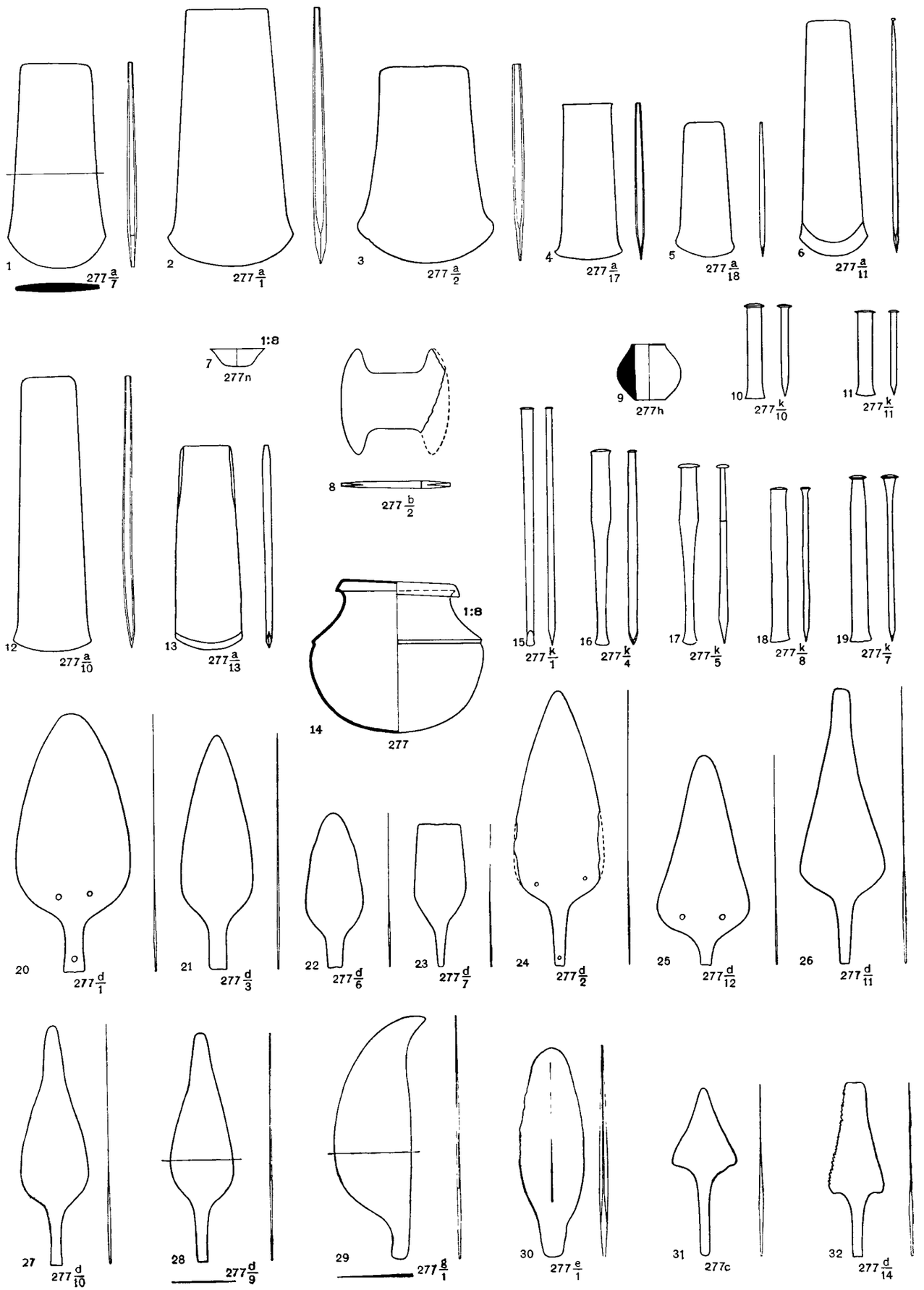
BONE AND IVORY OBJECTS.



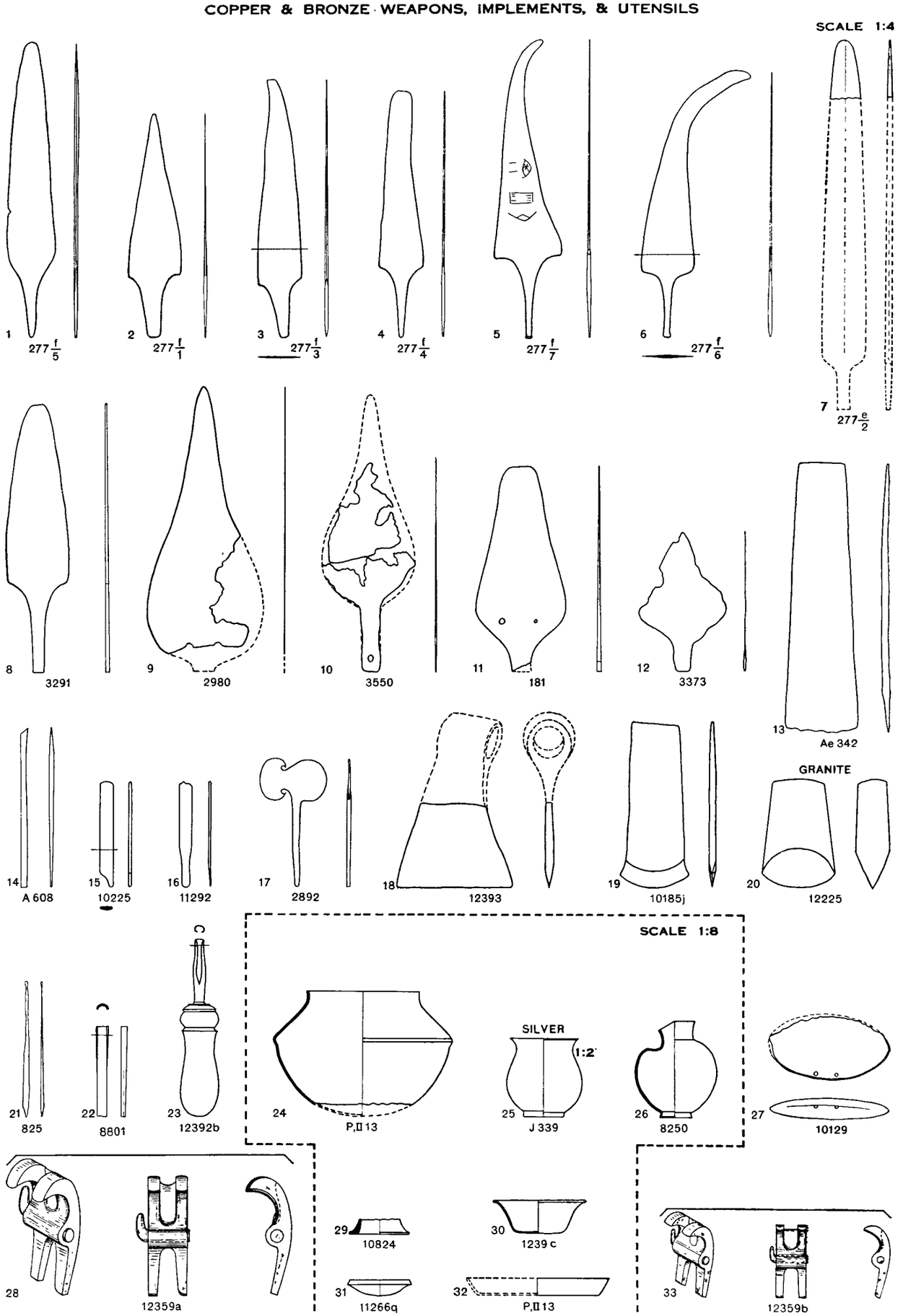
PLAYTHINGS AND GAMESMEN.

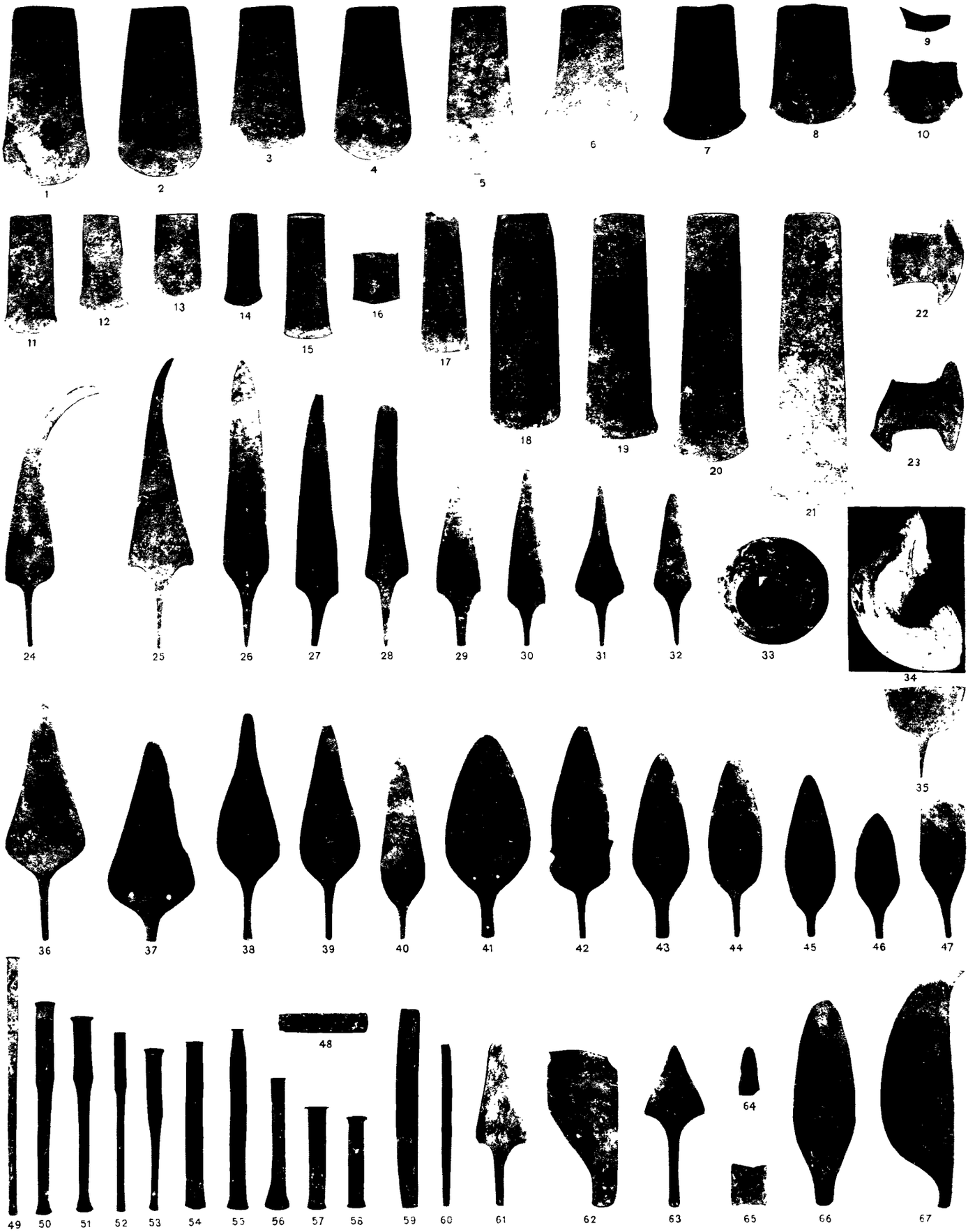
COPPER JAR No. 277 & ITS CONTENTS

SCALE 1:4

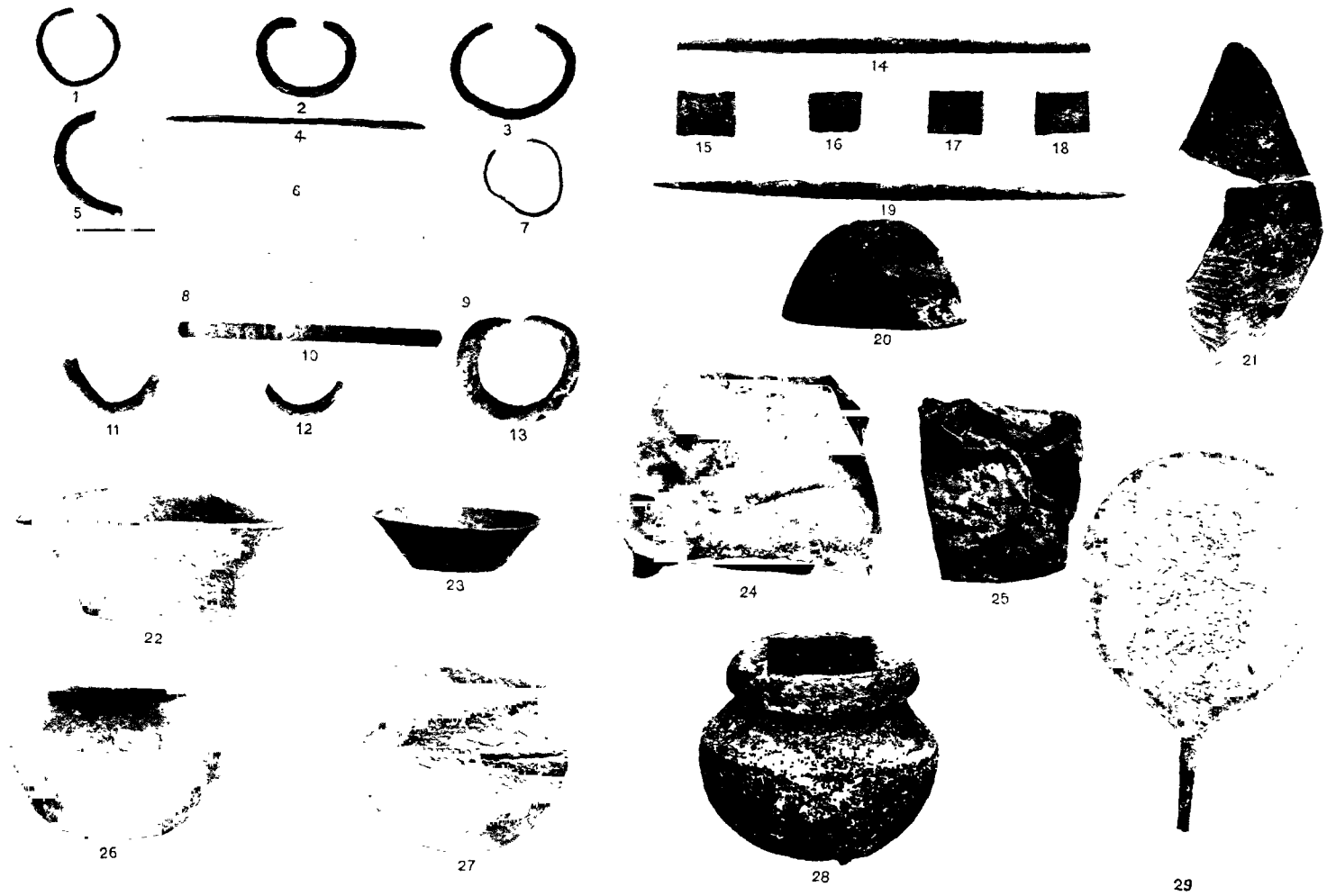


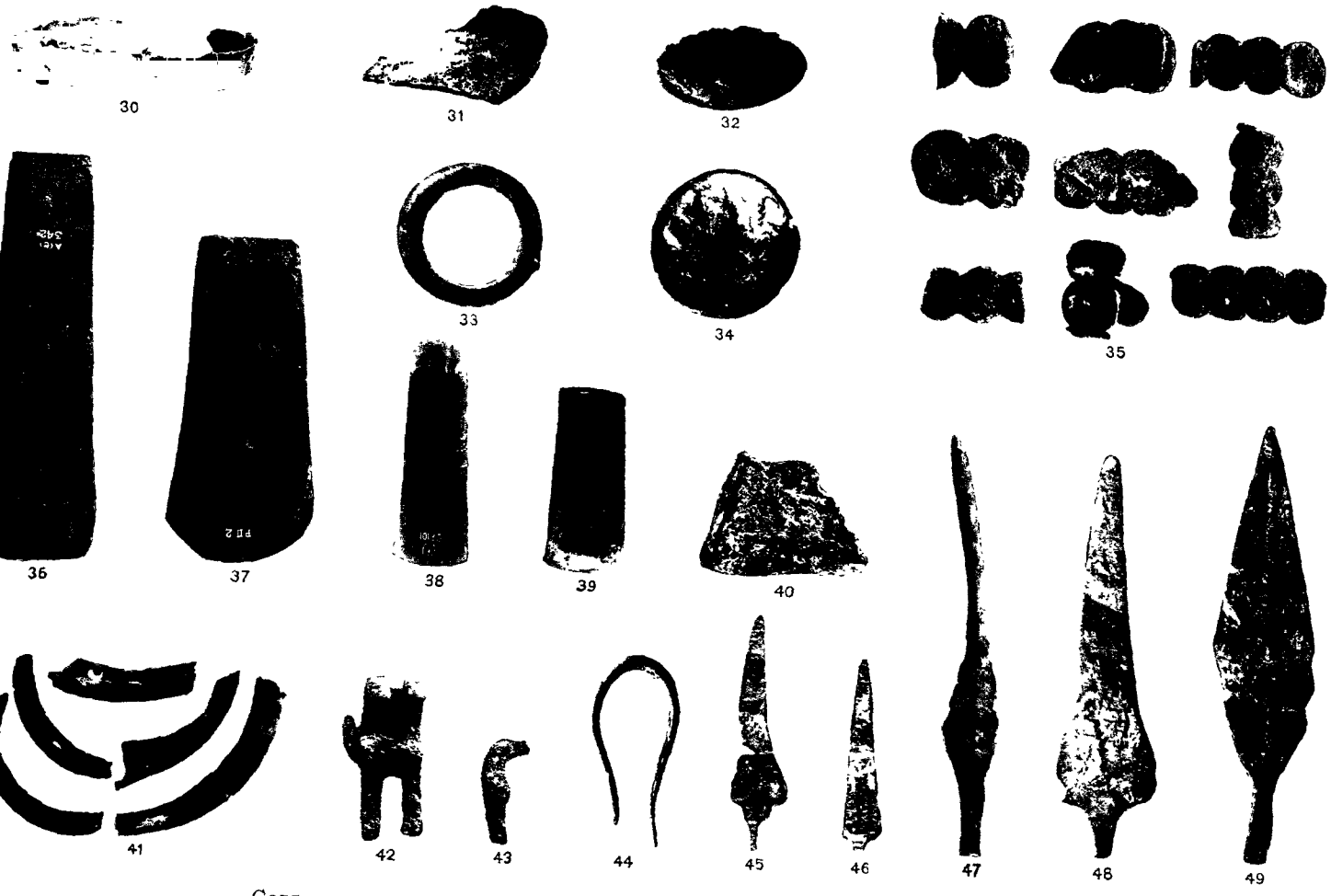
COPPER & BRONZE WEAPONS, IMPLEMENTS, & UTENSILS



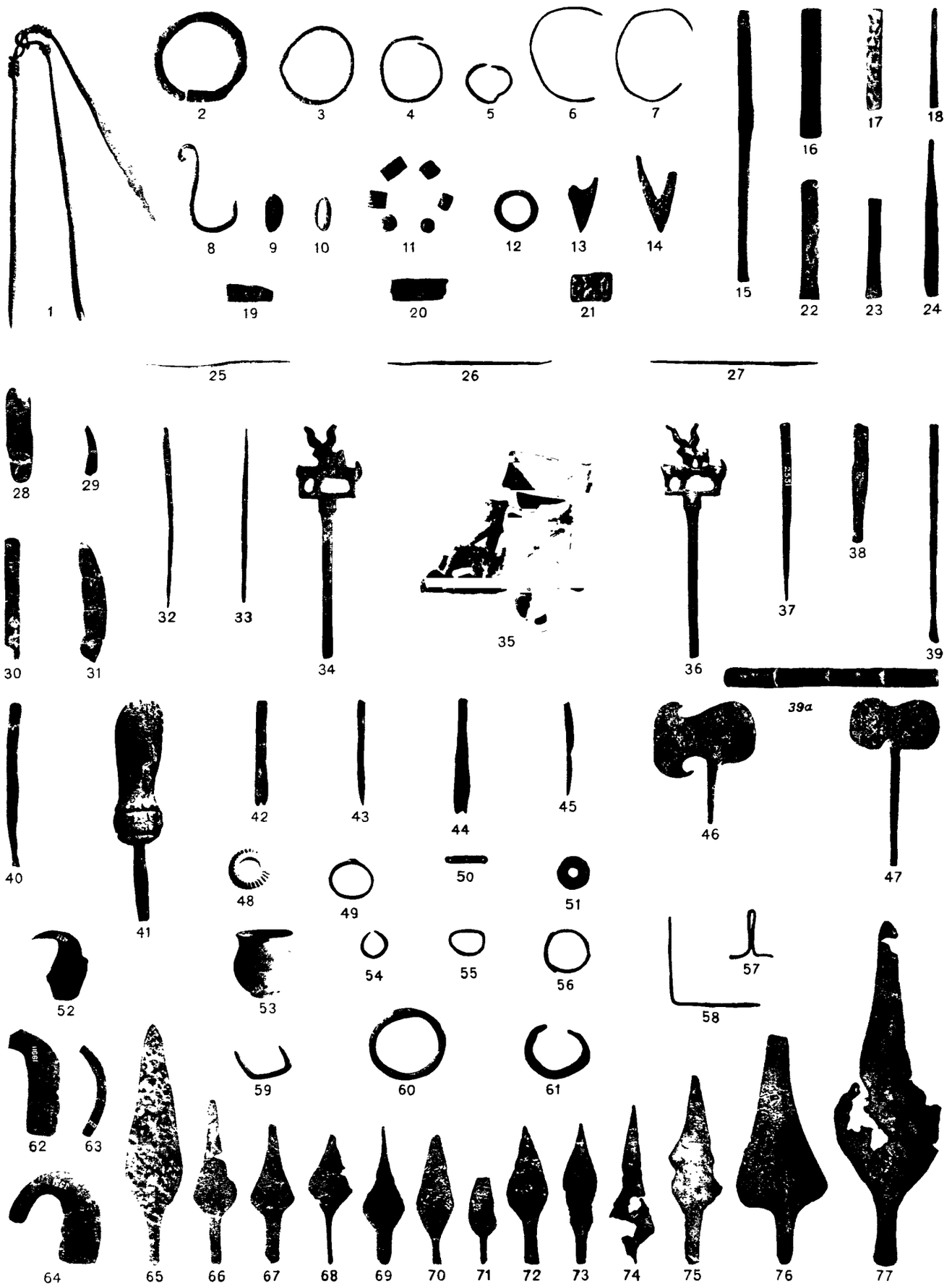


CONTENTS OF COPPER JAR NO. 277 AND MARBLE MACEHEAD NO. 573.

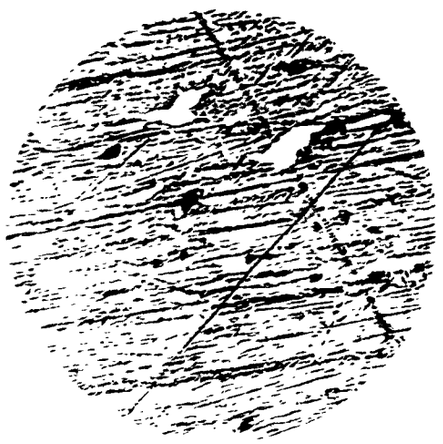




COPPER AND BRONZE ORNAMENTS, UTENSILS, IMPLEMENTS, WEAPONS, ETC.



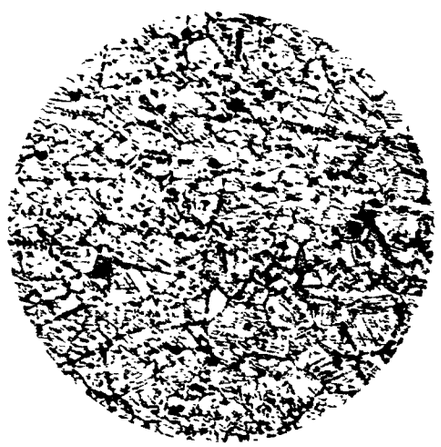
COPPER, BRONZE, SILVER AND GOLD OBJECTS.



No. 1
AFTER LIGHT ETCHING MAGFN. × 200



No. 3
MAGNIFICATION × 10.

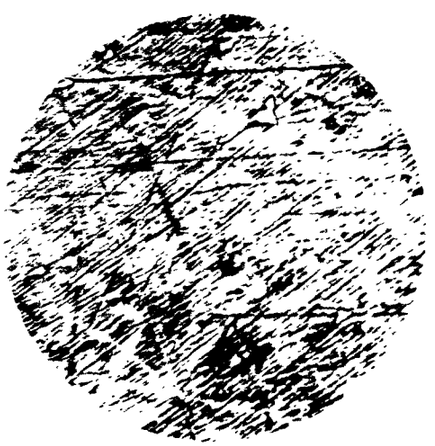


No. 5
MAGNIFICATION × 100.



No. 7
MAGNIFICATION × 500.

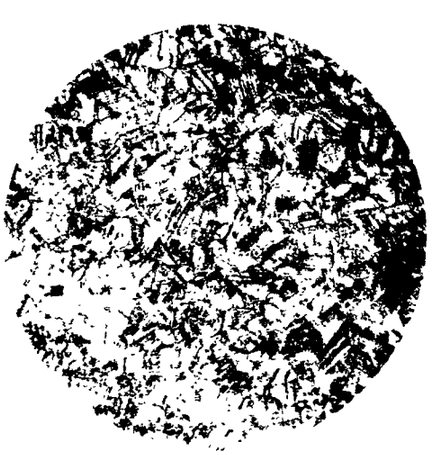
MICROPHOTOGRAPHS OF SPECIMEN '×' (CHISEL).



No. 2.
AFTER LIGHT ETCHING MAGFN. × 200.



No. 4.
MAGNIFICATION × 10.

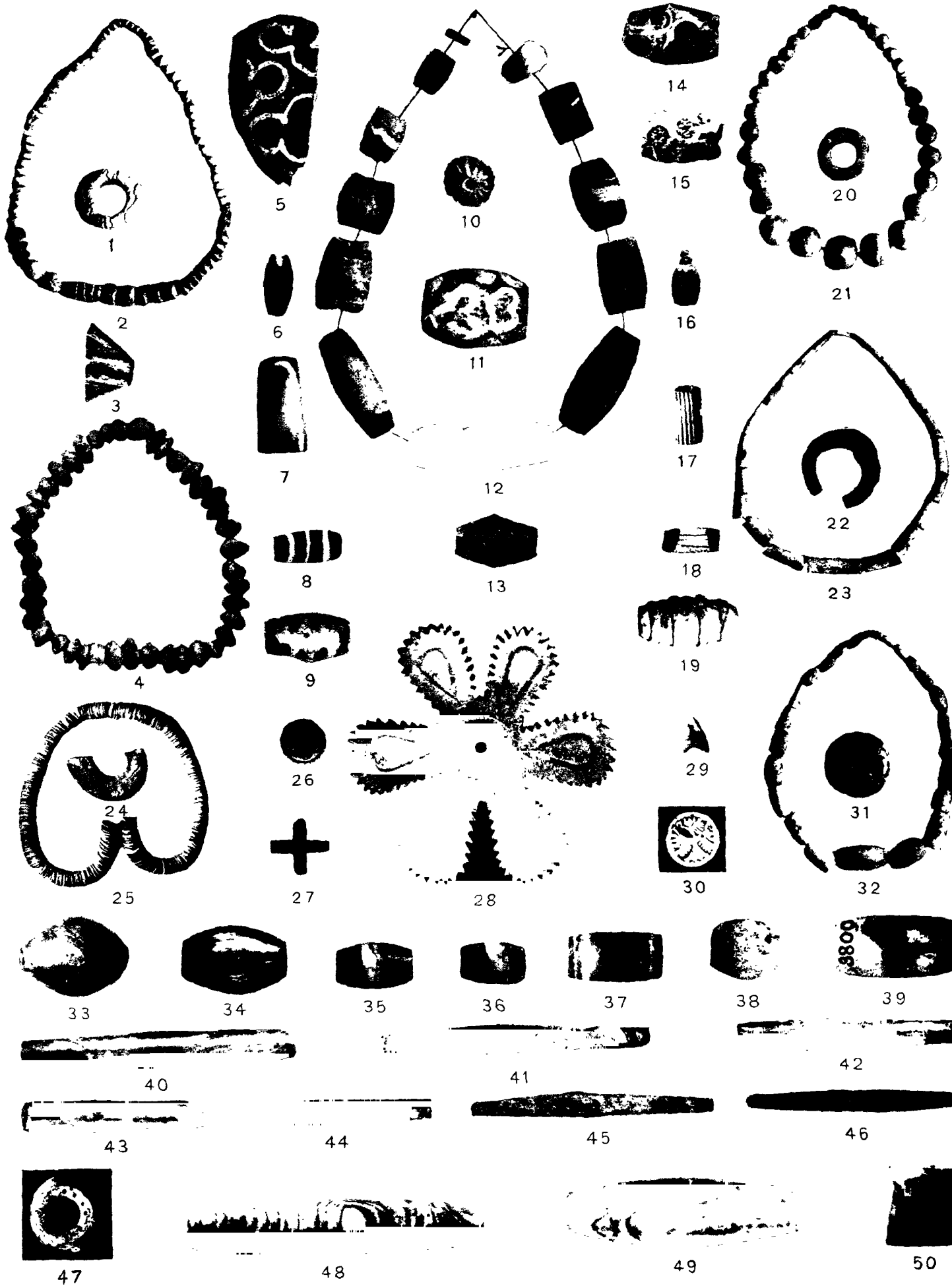


No. 6.
MAGNIFICATION × 100.



No. 8.
MAGNIFICATION × 500.

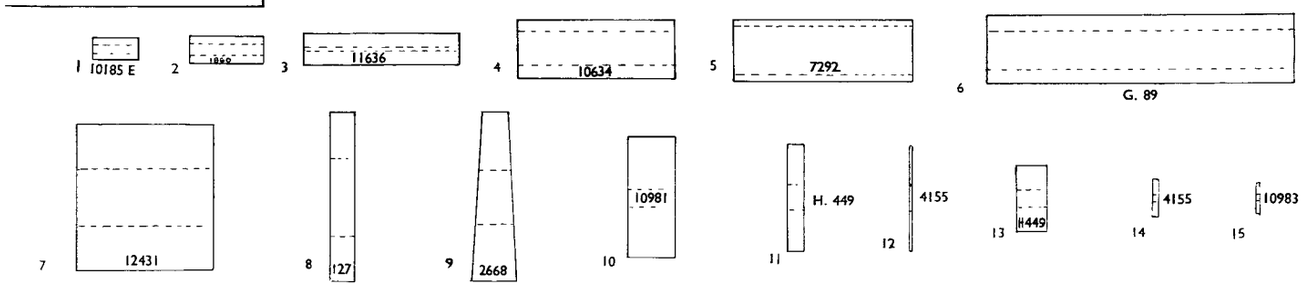
MICROPHOTOGRAPH OF SPECIMEN 277 a/21 (CELT).



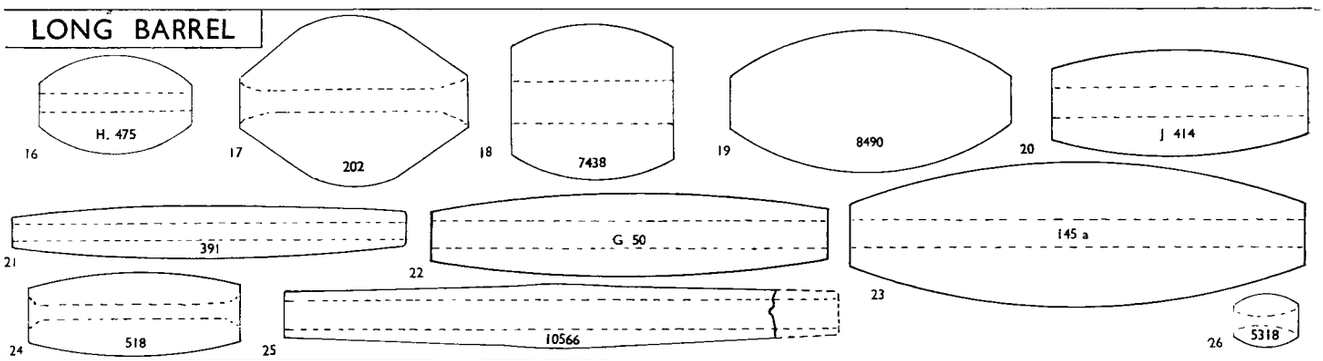
MISCELLANEOUS BEADS.

GROUP I CIRCULAR TRANSVERSE SECTION

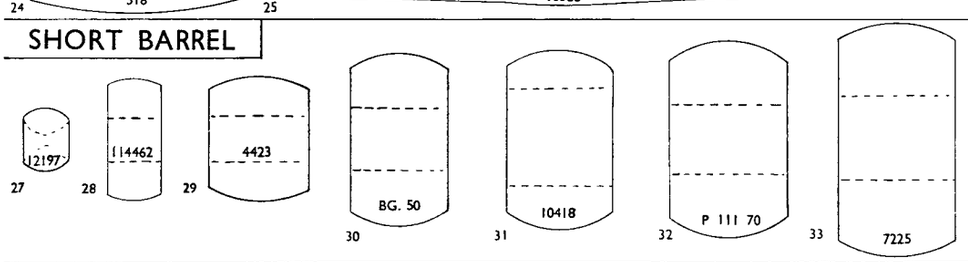
CYLINDER



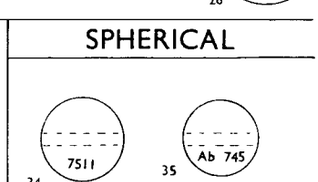
LONG BARREL



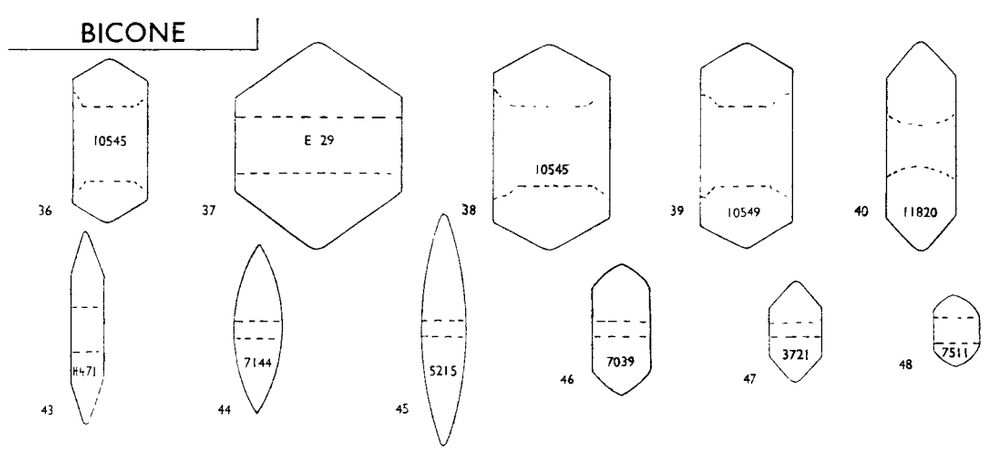
SHORT BARREL



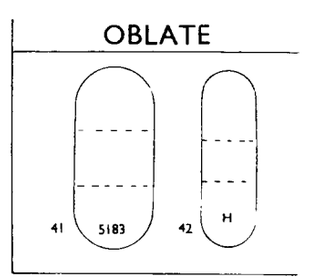
SPHERICAL



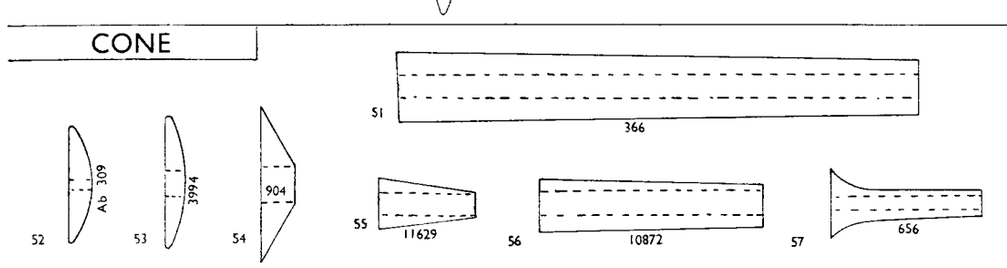
BICONE



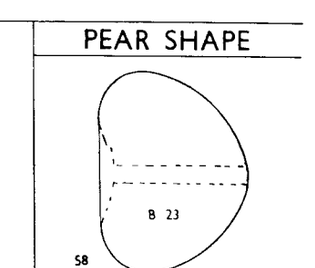
OBLATE



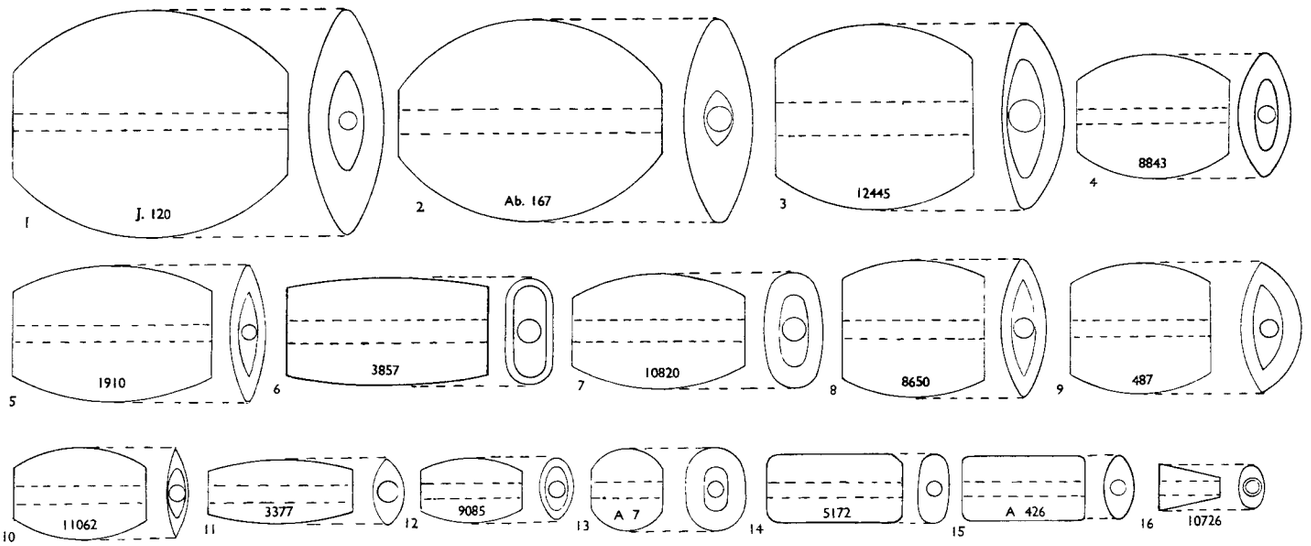
CONE



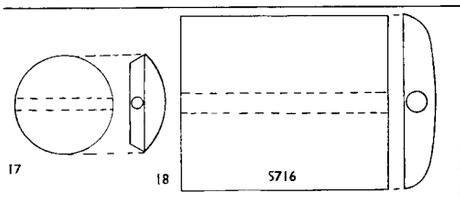
PEAR SHAPE



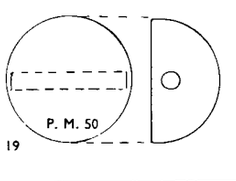
GROUPS II & IV ELLIPTICAL AND LENTICULAR



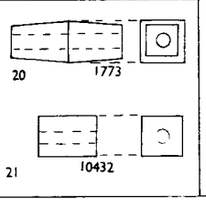
GROUP V PLANO CONVEX



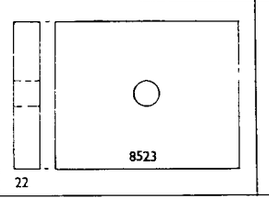
GROUP VI SEMICIRCULAR



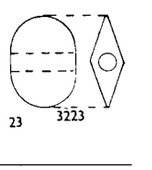
GROUP IX SQUARE



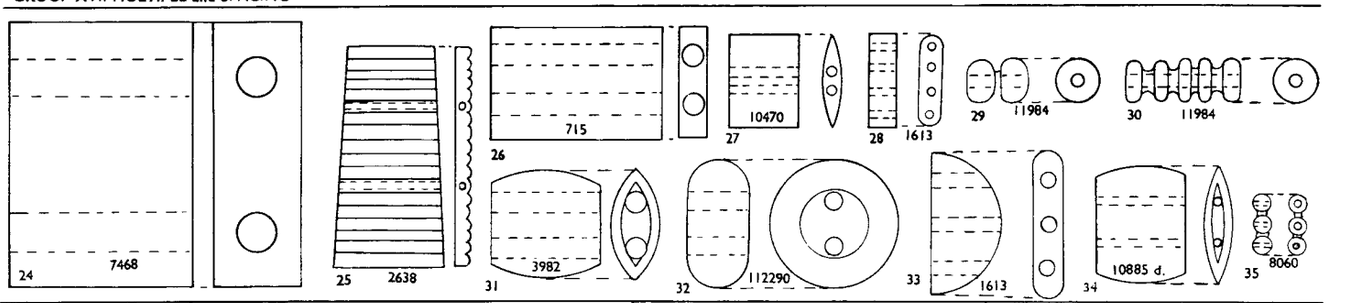
GROUP X RECTANGULAR



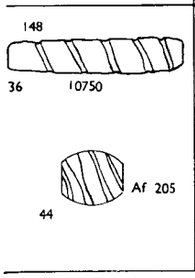
G. XI DIAMOND



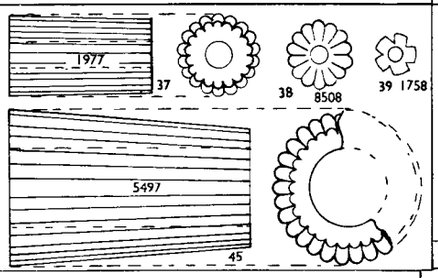
GROUP XVII MULTIPLE and SPACING



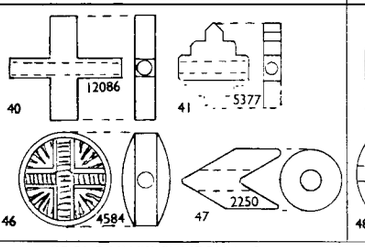
SPIRAL



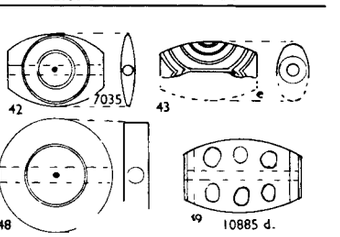
GROUP XXIII NOTCHED and GADROONED



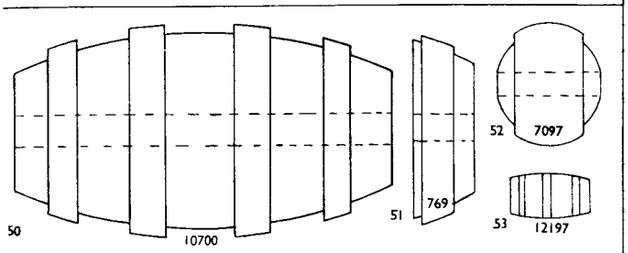
GROUP XXIX EMBLEMS CROSS STEPS



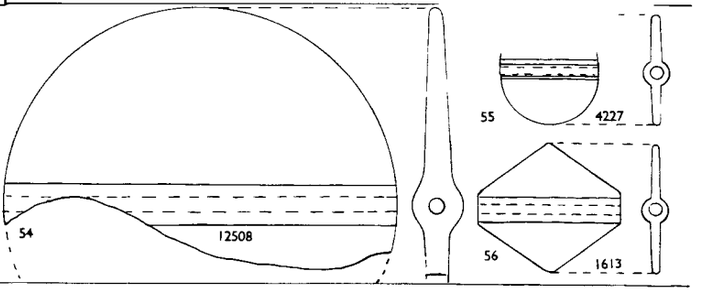
GROUP XLVI EYE BEADS



GROUP XLVII



GROUP XLVIII SUNDRY-16 R



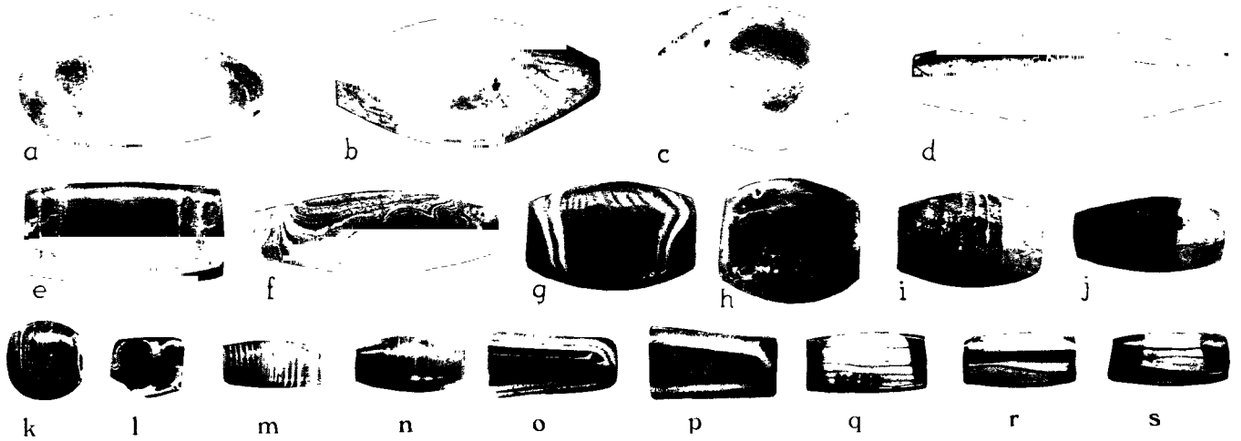


FIG. 1. BEADS OF AGATE.

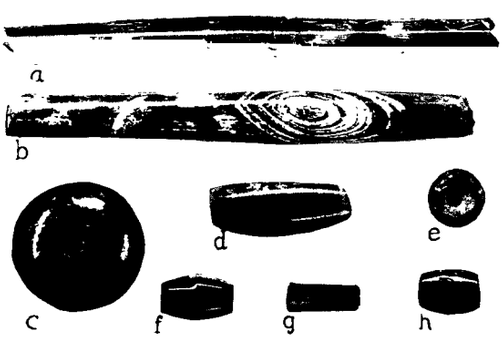


FIG. 2. BERDS OF CARNELIAN.

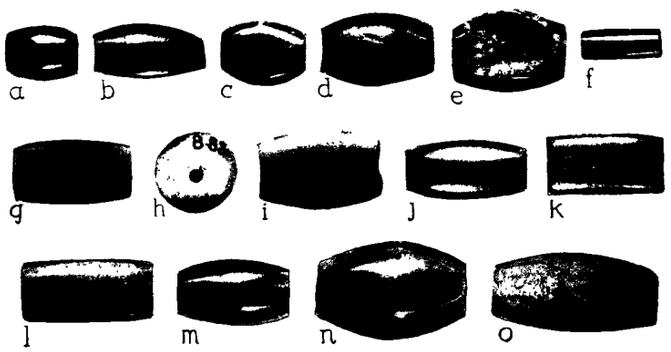


FIG. 3. BEADS OF VARIOUS SILICATE STONES *a—f*. JASPER, *g—k*. CHERT, *l—n*. CHALCEDONY, *o*. MILKY QUARTS.



FIG. 4. ETCHED CARNELIAN BEADS.



FIG. 5.



FIG. 6. BEADS OF LIMESTONE & STALAGMITE.

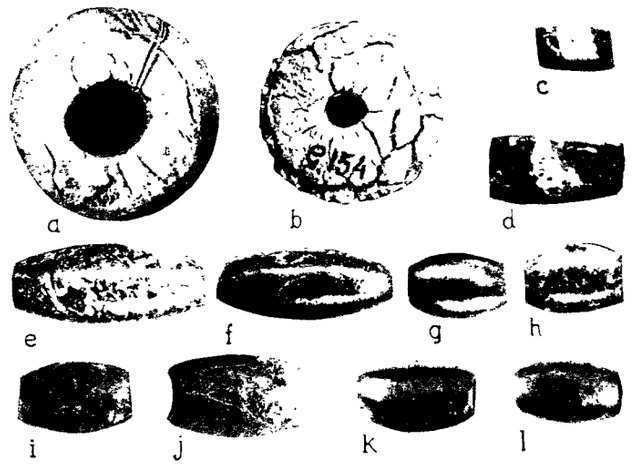


FIG. 7. BEADS OF SUNDRY STONES. *a* & *b*. MARBLE, *c*. CALCITE, *d*. HORNBLENDE, *e—g*. SERPENTINE, *h*. DIORITE, *i* & *j*, LAPIS, *k* & *l*. JADEITE.

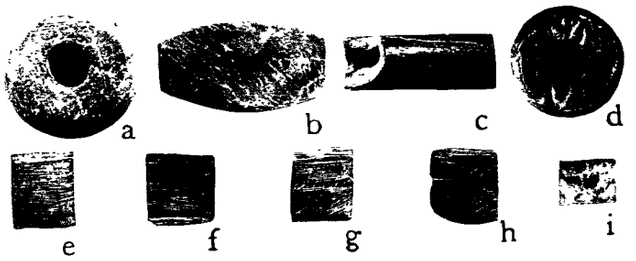


FIG. 1. BEADS OF NATURAL STEATITE.

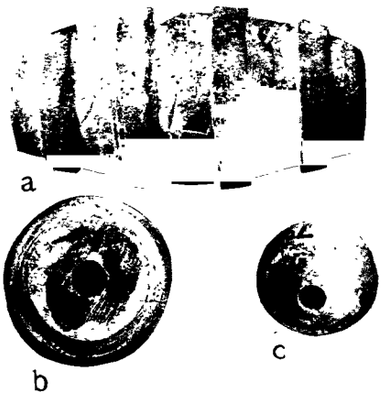


FIG. 2. ZONE BEADS OF BURNT STEATITE.

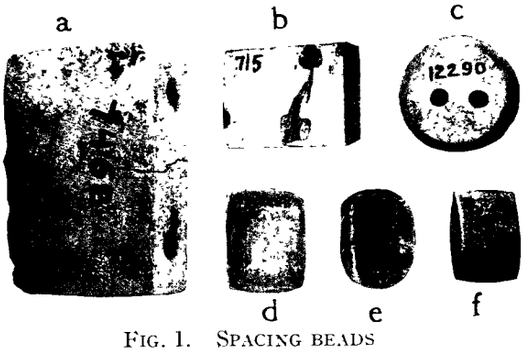


FIG. 1. SPACING BEADS OF BURNT STEATITE.

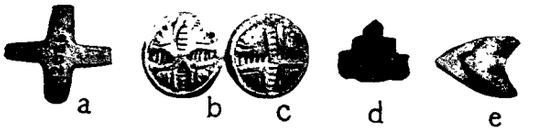


FIG. 4. CROSS, STEP & TOOTH BEADS OF BURNT STEATITE.

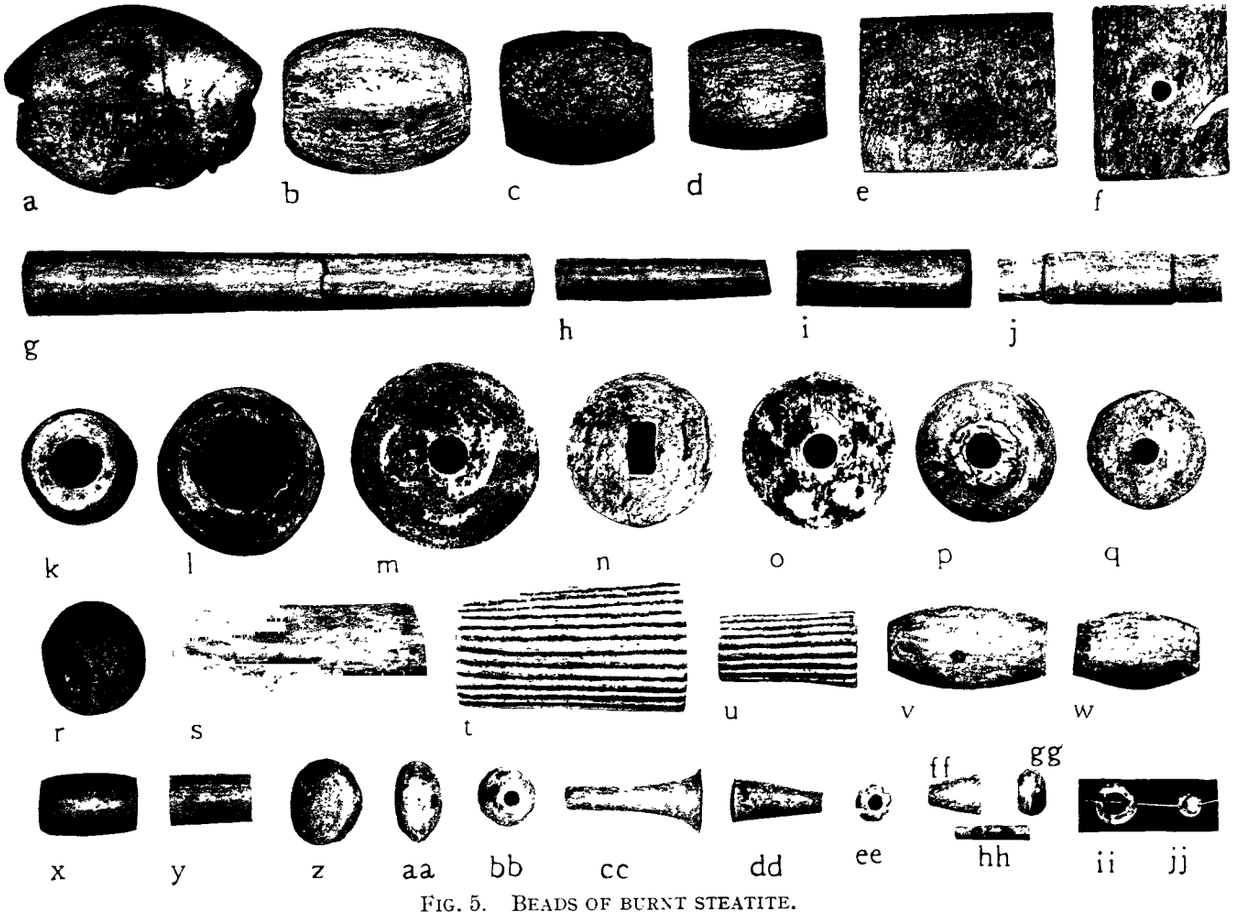


FIG. 5. BEADS OF BURNT STEATITE.



FIG. 1. DISC BEADS OF "BURNT" STEATITE.

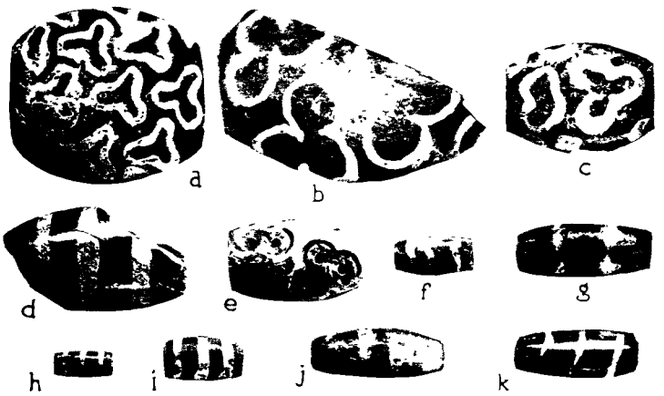


FIG. 2. PAINTED STEATITE BEADS.

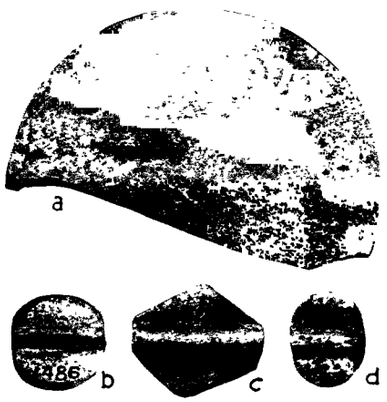


FIG. 3. FAIENCE SPACING BEADS WITH MIDDLE RIB.

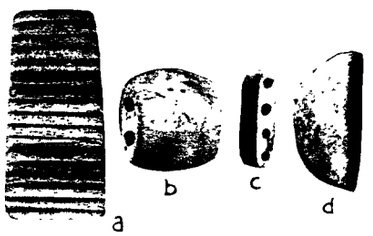


FIG. 4. FAIENCE SPACING BEADS.

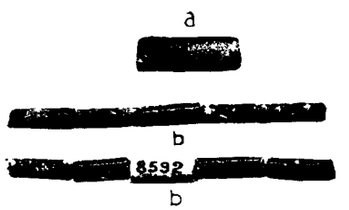


FIG. 5. BLACK FAIENCE BEADS.

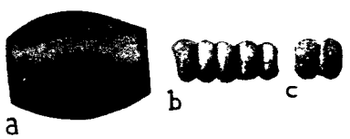


FIG. 6. WHITE FAIENCE BEADS.

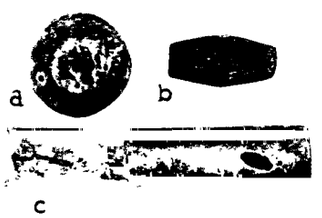


FIG. 7. YELLOW FAIENCE BEADS.

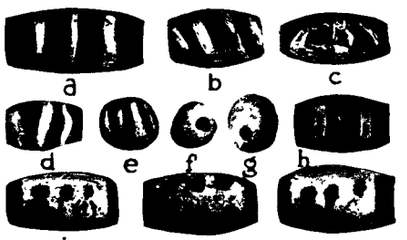


FIG. 8. VARIEGATED FAIENCE BEADS.

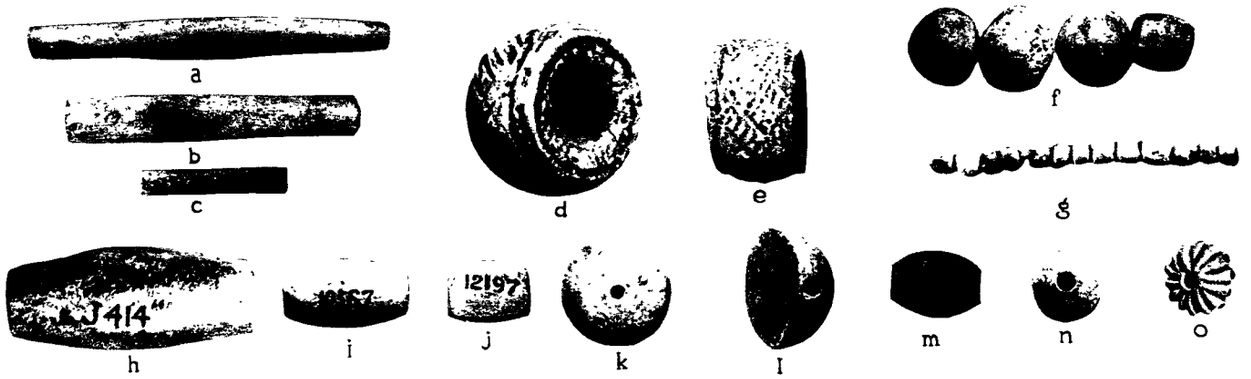


FIG. 9. FAIENCE BEADS—MOSTLY BLUE OR GREEN.

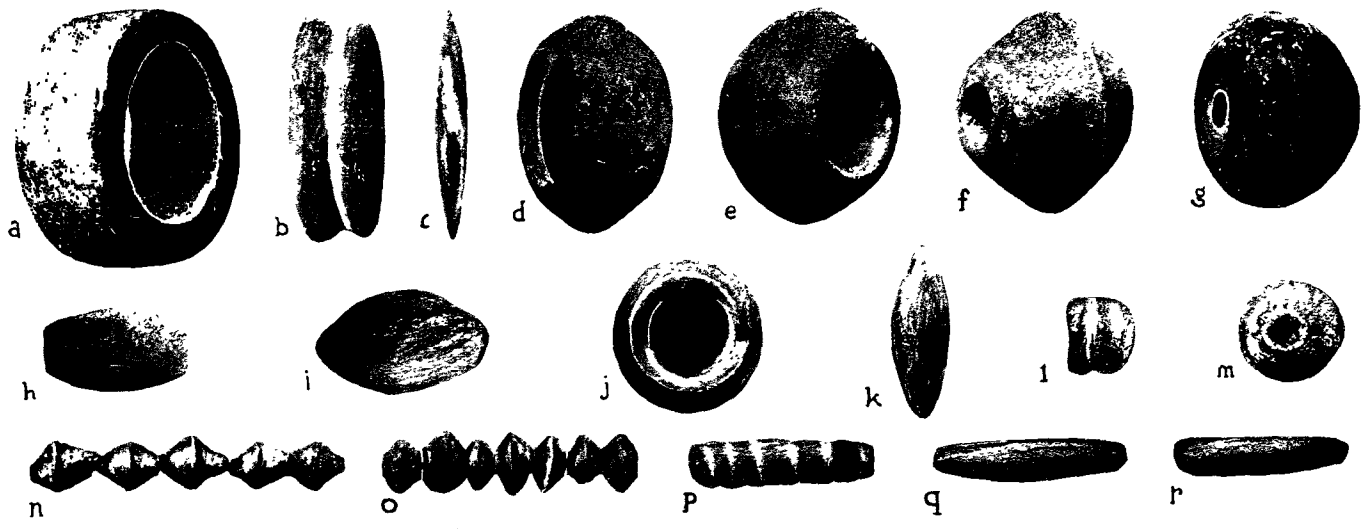


FIG. 1. BEADS OF TERRACOTTA OR POTTERY.



FIG. 2. BEADS OF SHELL.



FIG. 3. ZONE BEAD IVORY.

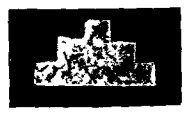


FIG. 4. SHELL INLAY FROM UR.



FIG. 5. COPPER BEADS

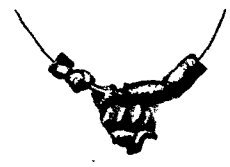


FIG. 6. SILVER BEADS.

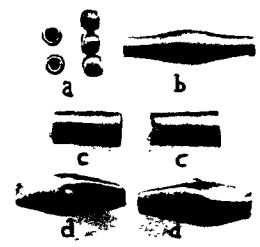


FIG. 7. GOLD BEADS.

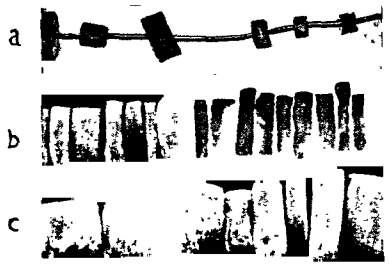


FIG. 8. SMALL STEATITE BEADS ×4.
a, c HARAPPA
b UR.

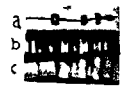


FIG. 9.
× 1/1.

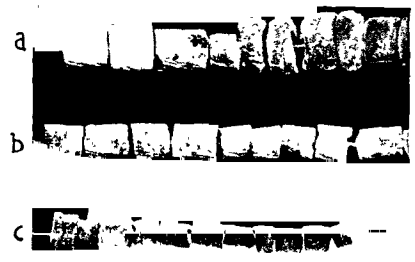


FIG. 10. SMALL STEATITE BEADS ×4
a, c HARAPPA
b UR.

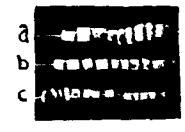
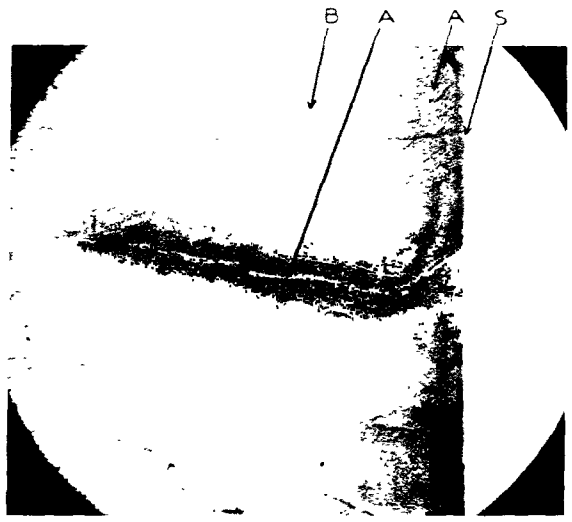


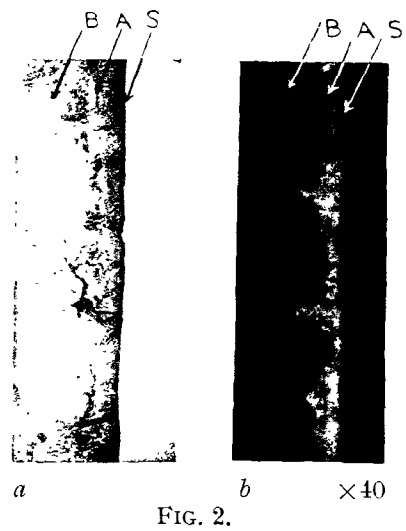
FIG. 11.
×1/1.

MICROPHOTOGRAPHS OF "BURNT" AND PAINTED STEATITE.



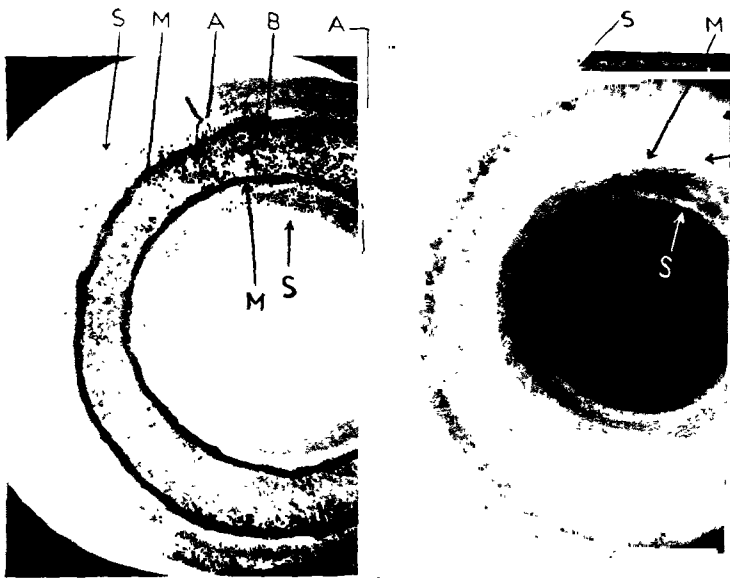
×50

FIG. 1.
SECTION OF "BURNT" STEATITE SEAL FROM MOHENJO-DARO.



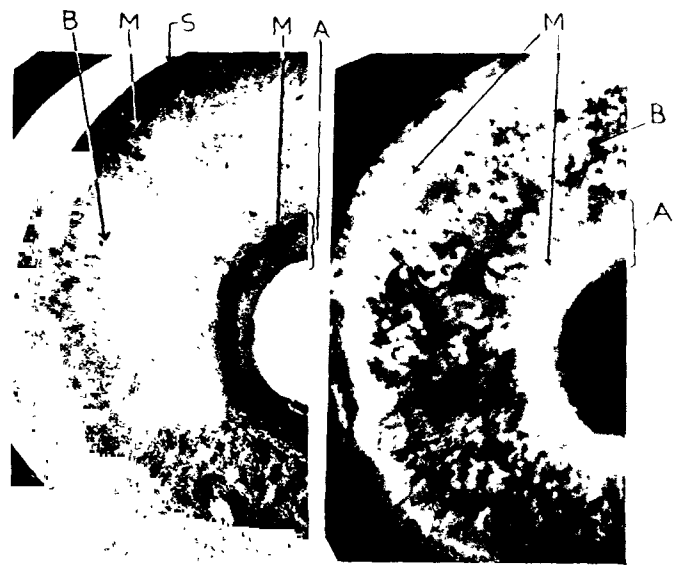
a *b* ×40

FIG. 2.
SECTION OF "BURNT" STEATITE SEAL FROM HARAPPA.



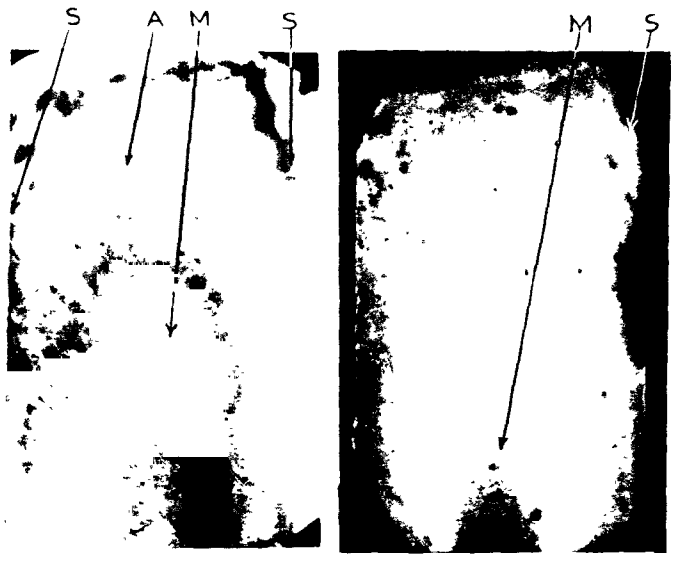
a *b* ×40

FIG. 3.
SECTION OF "BURNT" STEATITE BEAD FROM HARAPPA.



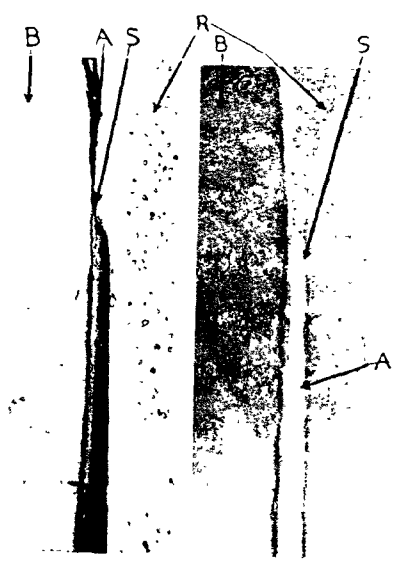
a *b* ×40

FIG. 4.
SECTION OF "BURNT" STEATITE BEAD FROM UR.



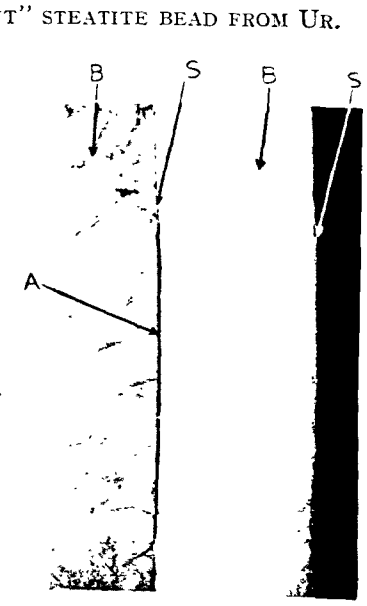
a *b* ×40

FIG. 5.
SECTION OF "BURNT" STEATITE DISC BEAD FROM HARAPPA.



a *b* ×40

FIG. 6.
SECTION OF UNUSUAL TYPE OF "BURNT" STEATITE BEAD FROM HARAPPA.

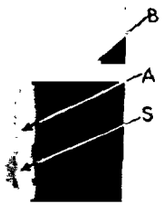


a *b* ×40

FIG. 7.
SECTION THROUGH PAINTED STEATITE BEAD FROM HARAPPA.

A = AFFECTED PORTION.
B = BASE.
M = AREA OF MAXIMUM EFFECT.
R = REINFORCING MATERIAL.
S = SURFACE OF SPECIMEN.

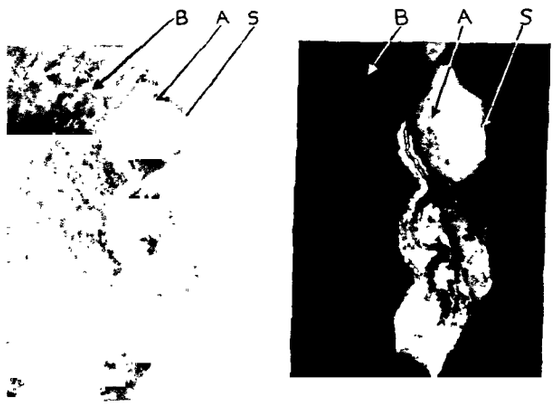
MICROPHOTOGRAPHS OF ETCHED CARNELIAN BEADS AND FAIENCE BEADS.



×40

FIG. 1

SECTION OF A WHITE LINE ON ETCHED CARNELIAN TYPE I. LIGHT REFLECTED FROM ABOVE.



a ×40 *b* ×40

FIG. 2

SECTION OF AN IRREGULAR WHITE LINE OF AN ETCHED CARNELIAN TYPE I.

a. ORDINARY TRANSMITTED LIGHT.
b. LIGHT REFLECTED FROM ABOVE.

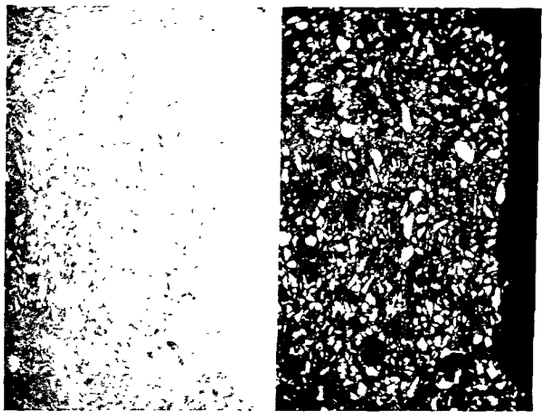
A=AFFECTED AREA. S=SURFACE OF SPECIMEN.
B=BASE. BL=BLACK LINE.



×40

FIG. 3

SECTION OF A BLACK LINE ON AN UNUSUAL FORM OF ETCHED CARNELIAN. TYPE II.

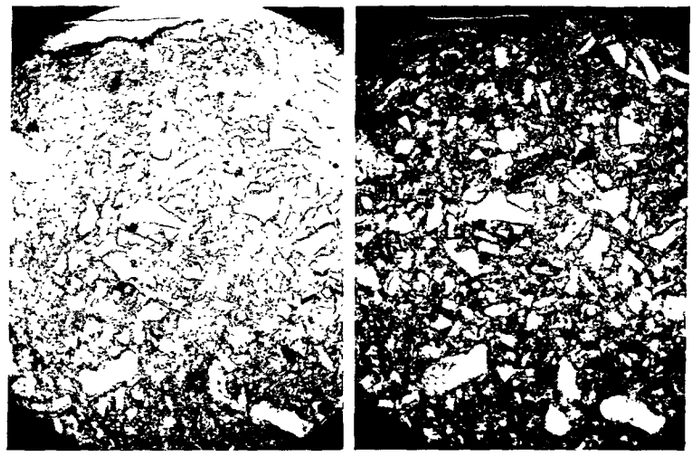


a ×40 *b* ×40

FIG. 4

SECTION OF FAIENCE ORDINARY TYPE.

a. ORDINARY TRANSMITTED LIGHT.
b. POLARIZED LIGHT.

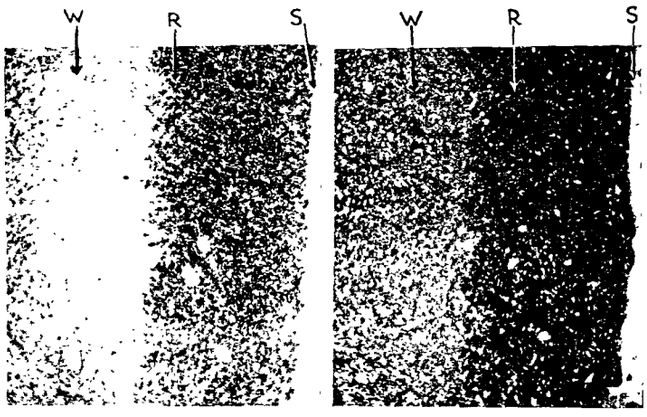


a ×40 *b* ×40

FIG. 5

SECTION OF VERY COARSE FAIENCE.

a. ORDINARY TRANSMITTED LIGHT.
b. POLARIZED LIGHT.

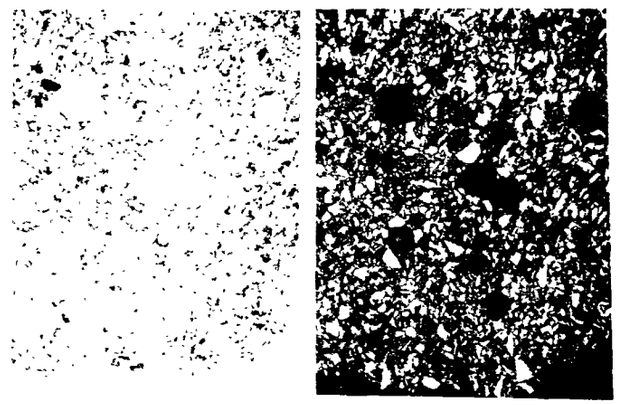


a ×40 *b* ×40

FIG. 6

SECTION OF VERY FINE VARIEGATED FAIENCE.

a. ORDINARY TRANSMITTED LIGHT.
b. POLARIZED LIGHT.

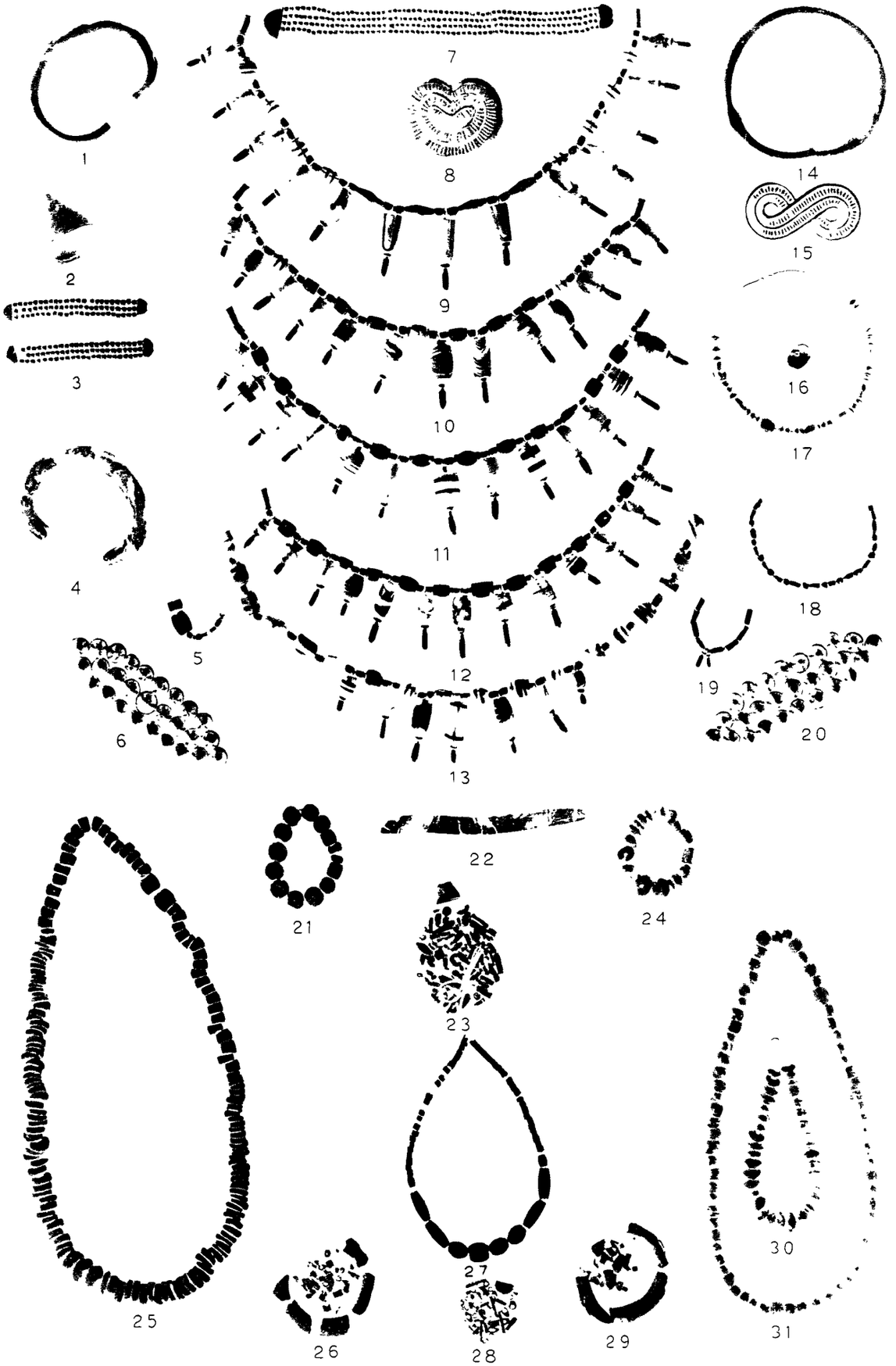


a ×40 *b* ×40

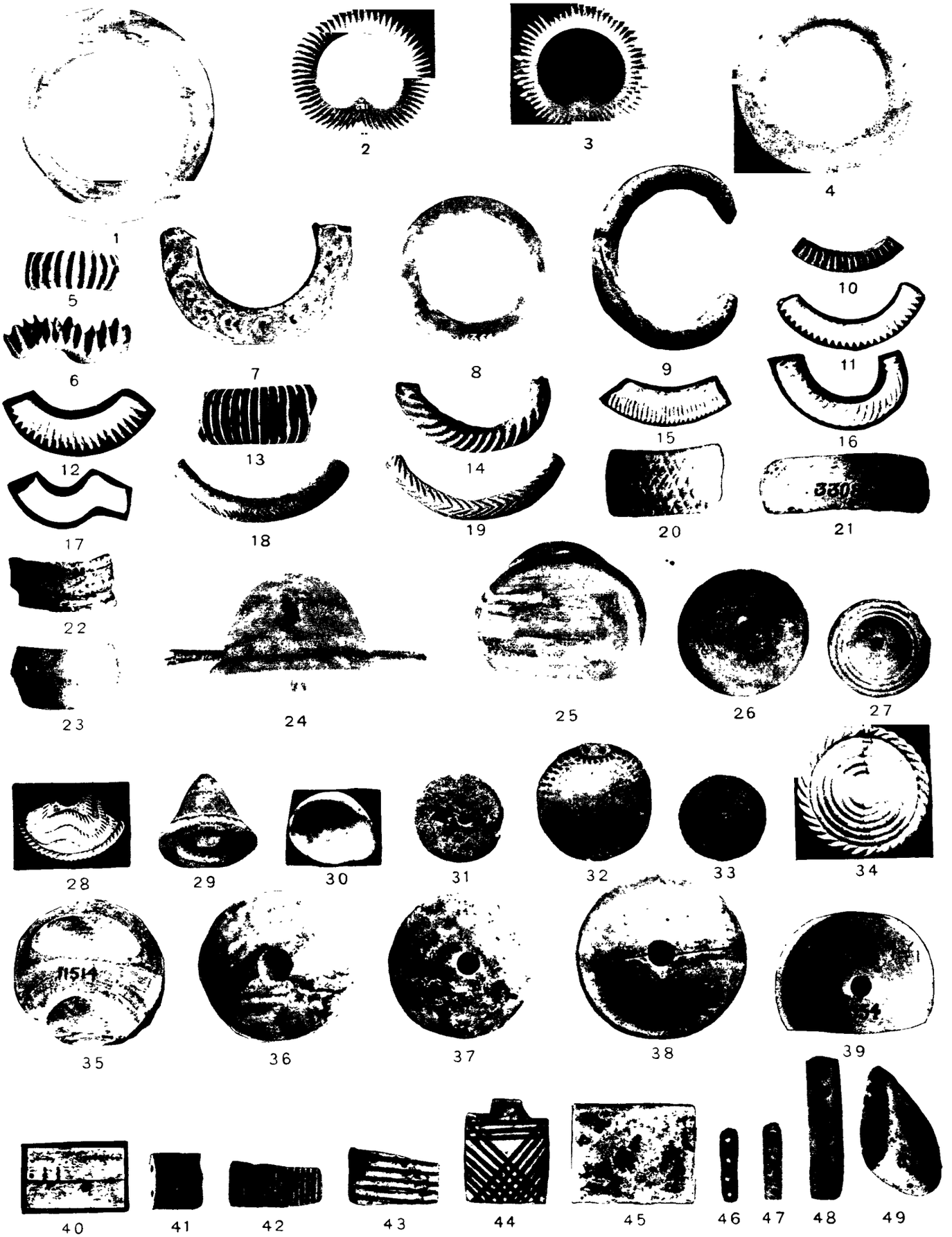
FIG. 7

SECTION OF VERY HARD FINE GRAINED FAIENCE SOMETIMES CALLED VITREOUS PASTE.

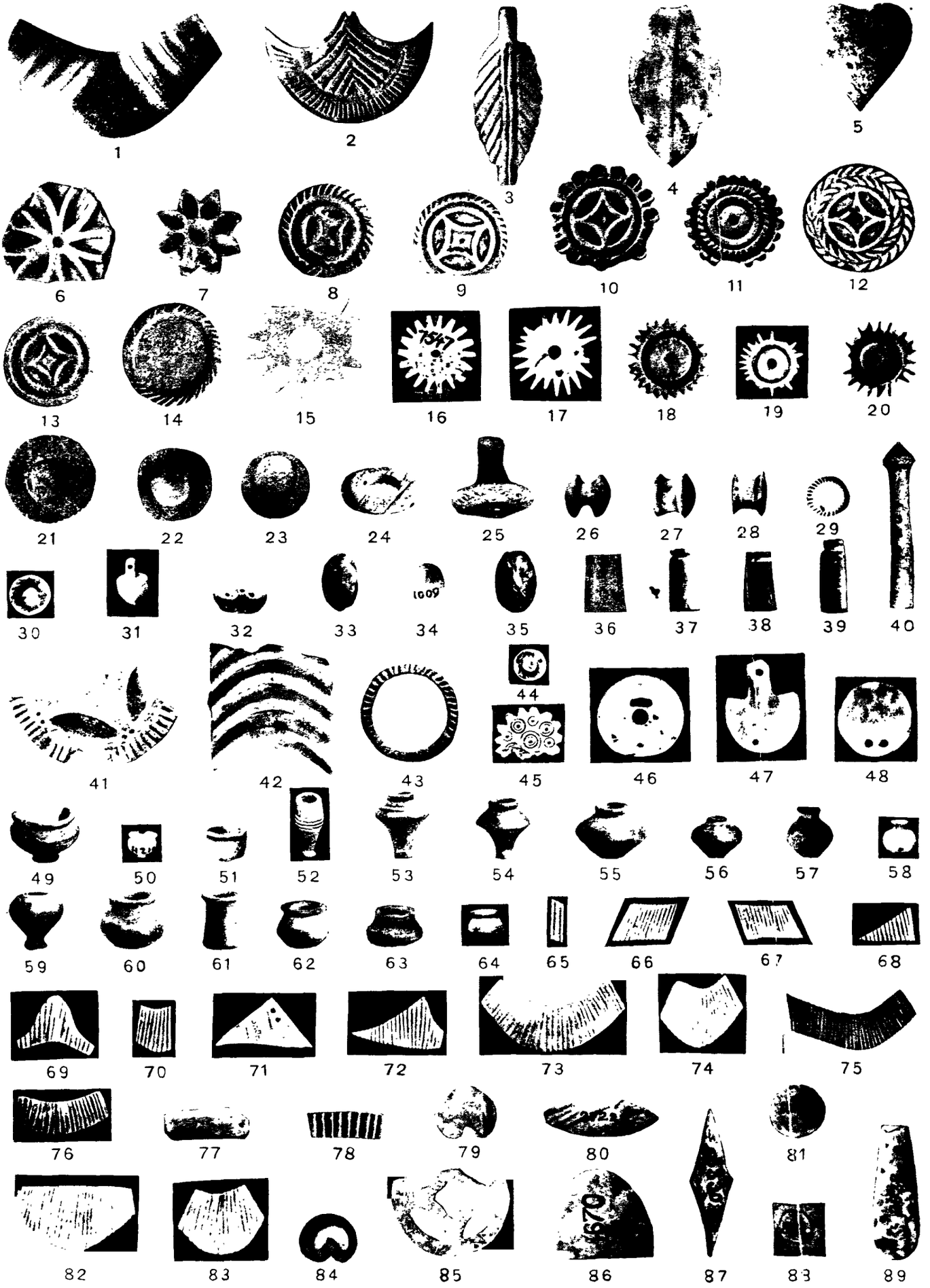
a. ORDINARY TRANSMITTED LIGHT.
b. POLARIZED LIGHT.



JWELLERY FROM HOUSE 2, TRENCH IV, MOUND F.



PERSONAL ORNAMENTS.



PERSONAL ORNAMENTS, UNGUENT VASES AND INLAY OBJECTS.

Central Archaeological Library,
NEW DELHI. 9842.
Call No. 913·0547/I·D·H·Vat.
Author— by M·S·Vats.
Title— Excavations at Harappa.
Vol I - Text, Vol II - I-139 Plates.

"A book that is shut is but a block"

CENTRAL ARCHAEOLOGICAL LIBRARY
GOVT. OF INDIA
Department of Archaeology
NEW DELHI.
CATALOGUED.

Please help us to keep the book clean and moving.

S. B., 148. N. DELHI.